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Summary of State Implementation Plan Revision Program for Puerto Rico, Total Suspended Particulates and Sulfur Dioxide

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McLean, VA

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November 1979

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Summary of State Implementation Plan Revision Program for Puerto Rico

Total Suspended Particulates and Sulfur Dioxide

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As part of the assistance provided to the states by EPA, Engineering-Science (ES) received several task orders to provide services to the Commonwealth of Puerto Rico Environmental Quality Board (EQB). Our efforts began in 1974 and have continued to the present time. The projects that resulted from the task orders deal with State Implementation Plan Revisions required by EPA. Maintenance and attainment of the ambient air quality standards for TSP and SO_2 were addressed.

This report presents a chronological summarization and consolidation of the efforts conducted by ES. For each task order, a summary of the initiation date, description, and report title and date is provided in Chapter I. Chapter II summarizes and consolidates the technical accomplishments of the studies, while Chapter III identifies areas in which refinements could be made and addtitional studies are appropriate. Little technical detail is covered in this report but can be found in the various reports documenting the work or in the Puerto Rico SIP.

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SUMMARY OF
STATE IMPLEMENTATION PLAN
REVISION PROGRAM FOR
PUERTO RICO

Total Suspended Particulates
and Sulfur Dioxide

EPA Contract No. 68-02-2537
Task Order No. 2

Submitted to

U. S. Environmental Protection Agency
Region II Office
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and
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CHAPTER I

INTRODUCTION

As part of the assistance provided to the states by the U. S. Environmental Protection Agency (EPA), Engineering-Science (ES) has received several task orders to provide services to the Commonwealth of Puerto Rico Environmental Quality Board (EQB). Our efforts began in May 1974 and have continued to the present time. A summary of the task orders issued is provided in Table I-1. The projects that resulted from the task orders deal with State Implementation Plan (SIP) revisions mandated by EPA for total suspended particulates (TSP) and sulfur dioxide (SO_2).

The first EPA requirement chronologically was the identification of geographical areas in which ambient air quality standards were not expected to be maintained for a 10-year period and the subsequent development of a plan to provide for maintenance of the standards in any area so designated. The second requirement resulted from the Clean Air Act Amendments of 1977 which stipulated that for areas not meeting the air quality standards, a revision to the SIP was required to demonstrate attainment by December 1982.

The first task order awarded to ES by EPA addressed the designation of Air Quality Maintenance Areas. ES used available emissions, air quality, and projection data to make the analysis for each of the four Standard Metropolitan Statistical Areas in Puerto Rico. The purpose of the second task order was to develop Air Quality Maintenance Plans for the designated maintenance areas. Because extensive efforts were required to develop complete and accurate emissions data, no maintenance strategies were developed under this task order. The two task orders that followed resulted in the installation of the Air Quality Data Handling Subsystem (AQDHS-II) and Emissions Inventory Subsystem/Permits and Registration (EIS/P&R) to provide EQB with needed computerized data handling capabilities.

TABLE I-1

SUMMARY OF ASSISTANCE TO THE PUERTO RICO EQB

CONTRACT/TASK ORDER NO.	INITIATION DATE	TASK ORDER DESCRIPTION	REPORT TITLE/DATE
68-02-1380/4	May 1974	Designation of Air Quality Maintenance Areas in Puerto Rico	Designation of Air Quality Maintenance Areas for Puerto Rico/August 1974
68-02-1380/10	June 1975	Development of an Air Quality Maintenance Plan for the Commonwealth of Puerto Rico	Puerto Rico Air Quality Maintenance Plan-Phase I Area Source Emission Inventory/February 1976
			Puerto Rico Air Quality Maintenance Planning and Analysis-Base Year Evaluation and Projections/May 1976
68-02-1380/13	February 1976	Installation/Testing of the Emissions Inventory Subsystem/Permits and Registration (EIS/P&R) in Puerto Rico	Emission Inventory System/Permits and Registration (EIS/P&R) Training Manual/February 1977
68-02-1380/14	February 1976	Installation/Testing of the Air Quality Data Handling Subsystem (AQDHS-II) in Puerto Rico	Air Quality Data Handling System (AQDHS-II) Training Manual/February 1977
68-02-2537/1	June 1977	Attainment and Maintenance of Air Quality in Puerto Rico	Attainment and Maintenance of Total Suspended Particulate Standards in Puerto Rico (EPA-902/4-78-004)/October 1978
			Attainment and Maintenance of Sulfur Dioxide Standards in Puerto Rico (EPA-902/4-78-005)/October 1978

TABLE I-1 (CONT.)

SUMMARY OF ASSISTANCE TO THE PUERTO RICO EQB

CONTRACT/TASK ORDER NO.	INITIATION DATE	TASK ORDER DESCRIPTION	REPORT TITLE/DATE
68-02-2537/2	April 1978	Development of a SIP Revision in Puerto Rico to Meet the Requirements of the Clean Air Act Amendments of 1977	State Implementation Plan Revision Program for Puerto Rico-Total Suspended Particulates and Sulfur Dioxide (EPA 902/4-79-005)/November 1979

Dispersion modeling results obtained for Task Order No. 10 showed that there were not only maintenance but also attainment problems in some municipalities. As a result of these findings plus the advent of the Clean Air Act Amendments, ES performed both attainment and maintenance analyses under Task Order No. 1. The last task order issued to date provided for ES assistance to EQB in developing the SIP revision required by the Clean Air Act Amendments of 1977 to demonstrate attainment of the ambient air quality standards.

In Chapter II, ES will summarize and consolidate the technical efforts conducted for these task orders as well as the results of the analyses. Reference will be made to the reports prepared for the task orders as identified in Table I-1. In discussing Task Order No. 2, ES will refer to the Puerto Rico Implementation Plan since much of the material prepared by ES was inserted directly into the SIP.

Chapter III presents a brief overview of the results of the analyses conducted and identifies specific areas in which refinements could be made. Finally, areas in which additional studies are appropriate are briefly discussed.

CHAPTER II

SUMMARY OF TECHNICAL EFFORTS

In general, air quality planning studies require the development of a complete and accurate base year emission inventory, the availability of sufficient air quality and meteorological data to model source-receptor relationships, projections of future activities and resulting air quality, and a determination of emission reductions necessary to meet air quality goals. These topics, therefore, make logical subdivisions for documentation of air quality planning studies. However, ES feels that in consolidating all previous work done for EQB, a separate description of each task order will lead to a better understanding of the planning process in actual practice. For each task order, the technical efforts conducted and the results of the analyses will be briefly described. An overview of the series of projects will be provided at the beginning of Chapter III.

Designation of Air Quality Maintenance Areas (T. O. No. 4)

For each of four Standard Metropolitan Statistical Areas (SMSAs)-San Juan, Ponce, Caguas, and Mayaguez, ES performed a TSP and SO_2 analysis to determine which areas would require a maintenance program. The "preferred" method recommended in the Guidelines for Designation of Air Quality Maintenance Areas was utilized. The following data were collected for the analysis:

- 1970 National Emission Data System point and area source emission inventory;
- 1970 air quality data from EQB;
- IPP dispersion model predictions of 1970 air quality from EPA;
- Existing and proposed emission regulations from EQB;
- Compliance Data System output from EPA; and
- Projection information from the Puerto Rico Regional Planning Board (RPB).

ES developed 1975 and 1985 emission inventories accounting for compliance with existing regulations, regulations to be in effect by 1975, and activity projections from the RPB. Comparisons of 1970 emissions and air quality to 1985 emissions enabled ES to recommend to EPA which areas would require a 10-year air quality maintenance plan. From the analysis performed by ES, the following were designated as Air Quality Maintenance Areas (AQMAs):

Area	Number of Municipalities Included	Pollutant(s)
Ponce	3	TSP and SO_2
San Juan	8	TSP and SO_2
Caguas	3	TSP
Mayaguez	3	TSP
Guanica	1	SO_2
Dorado	1	SO_2
Guayanilla-Penuelas	2	TSP and SO_2
Lares-Utuado-Adjuntas	3	TSP and SO_2
Aguadilla	1	TSP and SO_2
Arecibo-Barceloneta	2	TSP and SO_2
Guayama	1	TSP and SO_2
Yabucoa	1	TSP and SO_2

Development of an Air Quality Maintenance Plan (T. O. No. 10)

The original intent in the issuance of this task order to ES was to perform a comprehensive base and projection year dispersion analysis of TSP and SO_2 air quality in the 12 designated AQMAs. Depending upon the results of the analysis, maintenance programs would be developed identifying emission controls required to maintain standards through 1985. However, due to the extensive efforts needed to obtain complete and accurate emission data bases, the analysis of emission control strategies was deferred to a later study (Task Order No. 1).

In general, the work performed by ES can be summarized as follows:

- Point source emission inventory update to reflect 1974/75;
- Development of a sub-municipality area source emission inventory for 1974/75;
- Emission inventory projections to 1978 and 1985; and
- Dispersion analysis for 1974/75, 1978, and 1985.

The study was conducted for both particulates and SO_2 on an island-wide basis, although emphasis was placed on the 12 designated AQMAs. The Guidelines for Air Quality Maintenance Planning and Analysis, Compilation of Air Pollution Emission Factors, and Guide for Compiling a Comprehensive Emission Inventory were used to select methods and procedures for the study. Complete documentation of the area source emission inventory development can be found in Puerto Rico Air Quality Maintenance Plan-Phase I Area Source Emission Inventory. The report Puerto Rico Air Quality Maintenance Planning and Analysis-

Base Year Evaluation and Projection documents the point source updates, the sub-municipality allocations, the point and area source projections, and the dispersion analyses.

An item worthy of note concerns the projection information used in the analysis. The Land Use Master Plan developed by the RPB could not be used in determining future activity levels since it was undergoing extensive revision during the early part of 1976. As a result, in cases that projection data were not obtained directly from the major industrial facilities, ES assumed that growth occurred in place and in proportion to population change. The growth factors used in the study probably overstate industrial expansion on the island.

The Air Quality Display Model (AQDM) was used to predict ambient concentrations for the entire island. A model validation attempt could not be made in all areas because of the paucity of air quality data. Predicted levels were calculated using a slope of 1.0 and a background value of 0.0 g/m^3. Based on air quality data that were available, ES concluded that the predicted concentrations were slightly conservative. The predicted base year air quality exceeded TSP standards in the San Juan and Ponce AQMAs and SO_2 standards in only the San Juan AQMA. Measured air qualty data in these areas supported predicted values. Measured air quality also showed violations of the short-term (3-hour and 24-hour) standards. Projection year emissions were based on compliance with then current EQB regulations, information on plant shutdowns, and growth factors. The growth factors were developed by ES from growth information supplied by EQB and the pertinent agencies and industrial groups in the Commonwealth. Projection year modeling showed a general worsening of air quality island-wide. Based on this more rigorous analysis than was conducted for the first task order, ES recommended that air quality maintenance plans be developed for the following areas:

AQMA	Pollutant
Ponce	TSP
San Juan	TSP and SO_2
Mayaguez	TSP
Guanica	TSP and SO_2
Dorado	TSP and SO_2
Guayanilla-Penuelas	TSP and SO_2
Aguadilla	TSP
Arecibo-Barceloneta	TSP
Guayama	TSP and SO_2
Yabucoa	SO_2

Further, the results of the analysis indicated that San Juan and Ponce had attainment problems for TSP and SO_2 and that Mayaguez, Guanica, Dorado, and Guayanilla-Penuelas required a TSP attainment analysis. Of course, the nonattainment issue needed to be addressed before the maintenance plans were developed. The analysis did not show maintenance problems in the Lares-Utuado-Adjuntas and Caguas areas; however, no attempt has been made to de-designate these areas.

Installation-Testing of EIS/P&R and AQDHS-II (T. O. Nos. 13 and 14)

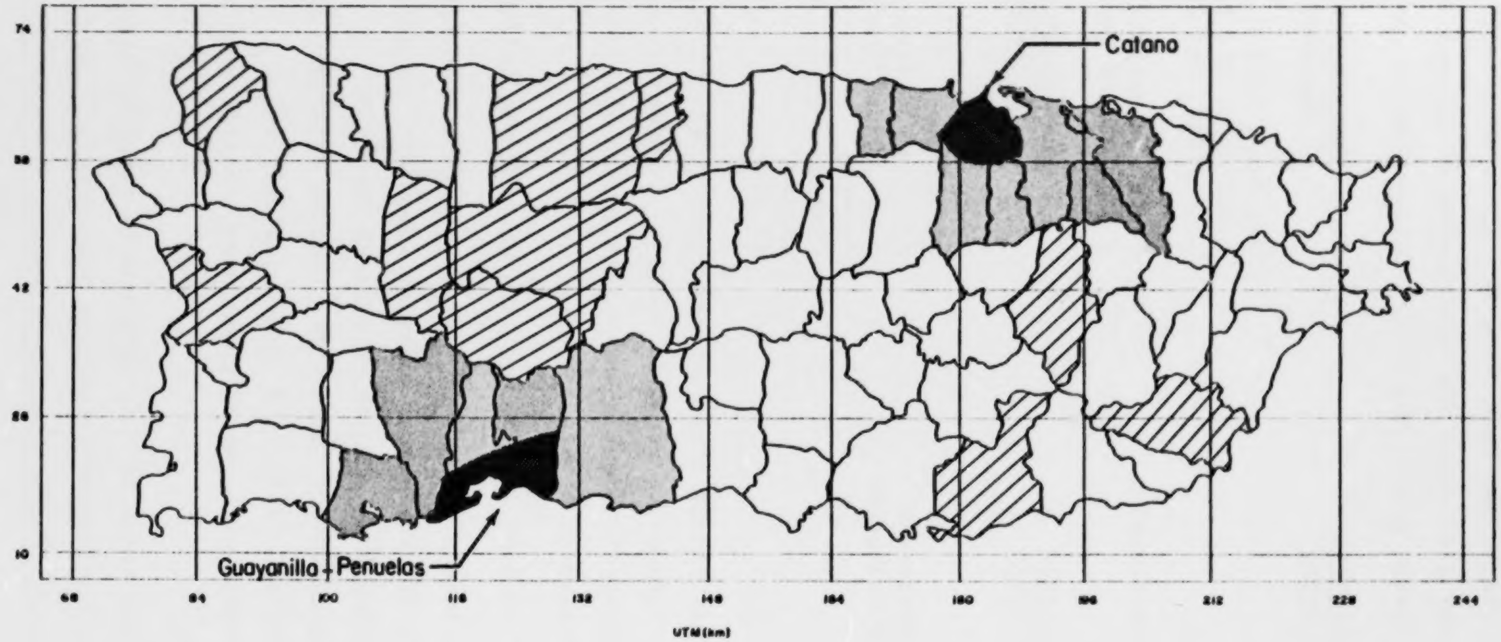
During the conduct of Task Order No. 10 - Development of an Air Quality Maintenance Plan, it became apparent that EQB needed computer capabilities in the areas of air quality and emissions data handling. The availability of such computer systems would enable EQB to conduct air quality planning activities and to meet reporting requirements of EPA.

ES was engaged to install, test, and demonstrate the Emission Inventory Subsystem/Permits and Registration (EIS/P&R) and the Air Quality Data Handling Subsystem (AQDHS-II) of the Comprehensive Data Handling System (CDHS). ES provided a five-day orientation and demonstration seminar for EQB personnel and prepared training manuals for their use. Demonstration of the subsystems required operating the on-line EIS/P&R and AQDHS-II through three update cycles. The seminar and training manual focused not only on operating procedures, but also on system management. ES stressed the need to continually update the subsystems in order to keep them current. The training sessions are documented in Emission Inventory System/Permits and Registration (EIS/P&R) Training Manual and Air Quality Data Handling System (AQDHS-II) Training Manual. ES remained on-call after the seminar for a period of six months to answer questions and assist in overcoming operational problems.

Attainment and Maintenance of Air Quality (T. O. No. 1)

The dispersion analyses conducted by ES for Task Order No. 10 indicated that several municipalities on the island had not attained the TSP or SO_2 ambient air quality standards. The Clean Air Act Amendments of 1977, which were enacted during the early stages of work on Task Order No. 1, required the development of a SIP revision to demonstrate attainment of the standards. Shortly after passage of the Amendments, EPA designated two nonattainment areas for TSP on the island based primarily on available air quality data and the results of the previous modeling efforts conducted by ES. The nonattainment

PUERTO RICO
DESIGNATED NON ATTAINMENT AREAS* AND STUDY AREAS


Catano
Guayanilla - Penuelas
74
58
42
26
10
68
84
100
116
132
148
164
180
196
212
228
244
UTM (km)

LEGEND

- ■ Designated Nonattainment Areas for Particulates
- ░ Nonattainment or Maintenance Study Areas
- ▨ Maintenance Study Areas

*NOTE: *Vide*, the Federal Register Vol.43, No.43 March 3, 1978, p. 9055.

areas, Catano and Guayanilla-Penuelas, are shown in Figure II-1. ES was contracted by EPA, under Task Order No. 1, to assist EQB in conducting an analysis for the attainment and maintenance of TSP and SO_2 air quality standards in Puerto Rico. The study concentrated on the following:

Nonattainment Study Areas	Municipalities Included
Catano	San Juan, Catano, Bayamon, Guaynabo, Toa Baja, Dorado, Carolina, and Trujillo Alto
Guayanilla-Penuelas	Ponce, Guayanilla, Penuelas, Guanica and Yauco

Maintenance Study Areas	Municipalities Includeded
Mayaguez	Mayaguez
Aguadilla	Aguadilla
Arecibo-Barceloneta	Arecibo and Barceloneta
Lares-Utuado-Adjuntas	Lares, Utuado, and Adjuntas
Guanica	Guanica
Guayama	Guayama
Caguas	Caguas
Yabucoa	Yabucoa

The nonattainment study areas were expanded geographically compared to the desingated nonattainment areas in order to include all sources affecting air quality in the nonattaiment areas. Maintenance analyses were also performed for the nonattainment areas.

The work conducted by ES can be summarized as follows:

- Point source emission inventory update to reflect 1976;
- Update of area source emission inventory for selected categories;
- Development of projection factors for 1990;
- Determination of compliance, control strategy, and 1990 emissions;
- Dispersion modeling of 1976 emissions; and
- Dispersion modeling of compliance, control strategy, and 1990 emissions.

Detailed documentation of this work can be found in Attainment and Maintenance of Total Suspended Particulate Standards in Puerto Rico and Attainment and Maintenance of Sulfur Dioxide Standards in Puerto Rico.

Emission Inventory Updates

The 1974/75 point source inventory generated under Task Order No. 10 was updated to 1976 using transactions provided by EQB. Information to code the transactions was obtained from permit files. The resulting inventory consisted of 600 plants and over 1,500 emission sources.

This previously developed area source inventory was upgraded in two areas. First, better figures for vehicle-miles travelled on paved and unpaved roads was obtained from the Highway Authority. Secondly, emission factors for paved and unpaved roads in the Guayanilla-Penuelas Nonattainment Study Area were increased to account for the number of days of measurable rainfall on the southern coast compared to the rest of the island.

Projections

Projections to 1990 were performed assuming that all growth occurred in place. Point source projection factors were obtained from industry personnel and questionnaires, Puerto Rico Planning Board population estimates, or forecasts of Gross National Product from the U.S. Department of Commerce. The projection factor for area sources for the 1976 to 1990 period was 1.8, the factor by which demand for electricity was expected to increase. However, based on historic paving trends on the island, unpaved road emissions were decreased by 0.18. In estimating 1990 emissions, ES accounted for plant shutdowns and compliance with current EQB regulations. For particulate sources, the proposed control strategies were assumed to be in effect.

Compliance and Strategy Emissions

The existing particulate regulations and the control strategies selected for testing are shown by source category in Table II-1. Emissions under each of the regulations or proposed strategies were obtained through an analysis of production rate and present level of control for each category on a point-by-point basis.

Dispersion Modeling

ES performed dispersion analyses of 1976 emissions using AQDM in an attempt to validate model predictions with observed air quality. The TSP concentrations compared favorably to field-measured data, thereby validating the source-receptor relationship established by the model. However, due to the unsuitability of ambient monitoring data for SO_2, validation of AQDM for that pollutant could not be accomplished.

Table II-2 provides a summary of maximum TSP concentrations predicted with the validated model. Bringing sources into compliance with current EQB regulations improved air quality significantly; however, it was concluded that in order to attain and maintain primary standards island-wide, control strategies would have to be adopted. Of the strategies tested, controls for the following four source types proved effective in reducing TSP concentrations:

- Nonprocess sources;
- Asphalt dryers;
- Agricultural burning; and
- Open burning.

TABLE II-1

EMISSION SOURCE CATEGORIES AND ASSOCIATED PARTICULATE REGULATIONS

SOURCE CATEGORY	EXISTING REGULATIONS	CONTROL STRATEGIES TESTED
Liquid Fuel Boilers	20% opacity	0.30 lb/10^6 Btu
Solid Fuel Boilers	0.30 lb/10^6 Btu	0.25 lb/10^6 Btu
Process Sources	Process weight table	(none proposed)
Nonprocess Sources	20% opacity	99% control
Asphalt Dryers	20% opacity	0.12 gr/dscf
Quarrying, Sand/Gravel	80% control[a]	99% control
Incinerators	0.2 lb/100 lb 0.4 lb/100 lb	(none proposed)
Agricultural Burning	Not specifically identified	Reduction by 1982, elimination by 1990
Open Burning	Permit system	Elimination

[a] Reflecting good operating practice.

TABLE II-2

SUMMARY OF PREDICTED TSP CONCENTRATIONS[a]

	MAXIMUM ANNUAL GEOMETRIC MEAN CONCENTRATION ($\mu g/m^3$)[b]			
STUDY AREAS	1976	COMPLIANCE	STRATEGY	1990
DESIGNATED NON-ATTAINMENT AREAS				
Catano	110	105	56	87
Guayanilla-Penuelas	87	73	60	68
MAINTENANCE AREAS				
Mayaguez	39	39	29	39
Caguas	41	37	24	29
Guanica	82	69	59	63
Lares-Utuado-Adjuntas	39	34	29	34
Aguadilla	44	39	29	41
Arecibo-Barceloneta	29	27	19	29
Guayama	69	62	53	50
Yabucoa	75	49	47	72

[a] The primary and secondary ambient air quality standards are 75 and 60 $\mu g/m^3$, respectively, annual geometric mean.

[b] All model predicted results were converted to annual geometric mean concentrations for comparison with the standards.

A comparison of measured and predicted SO_2 concentrations is shown in Table II-3. At most sites, predicted mean concentrations were 3 times measured values. All monitoring employed gas bubblers which have been known to be unreliable at times, yielding ambient levels lower than those from continuous monitors. Continuous monitoring data obtained around a power plant site on the Guayanilla Air Base showed concentrations in the range predicted by the model for this area. The unvalidated model predicted an exceedance of the annual standard in 1976 for Catano, although the gas bubbler data showed no such excursion. Air quality for four additional municipalities was predicted to exceed the standards in 1990. Because the model could not be validated, no control strategies were tested. However, as a possible control strategy, ES recommended that a stricter limit for sulfur-in-fuel be adopted in EQB's Article VI regulation.

The reports documenting work conducted for this task order indicated that several areas would not meet the secondary annual standards. These secondary limits are not really standards but are to be used as guides in assessing attainment of the secondary 24-hour standards. Because ES did not perform short-term modeling, the secondary annual guides were used in determining whether further reductions would be required to meet the secondary 24-hour standards. ES did, however, apply the Larsen statistical technique to estimate short-term concentrations for the urbanized nonattainment areas. The maximum concentrations predicted were below the secondary short-term standards.

Development of SIP Revision (T. O. No. 2)

As a result of the Clean Air Act Amendments of 1977, Puerto Rico was required to revise their SIP for TSP to show attainment of the ambient air quality standards by the end of 1982. A comprehensive SIP revision was not required for SO_2 since available air quality data showed compliance and no nonattainment areas were designated. ES was to assist EQB in preparing the SIP revision for TSP based the SIP revision for TSP based on EPA guidance in Workshop on Requirements for Non-attainment Area Plans (April, 1978) and the subsequent "Checklists for Approval/Disapproval of the 1979 SIP Revisions for Nonattainment Areas" (September, 1978).

The work performed by ES under this task order is an follows:

- Review existing regulations and submit suggested changes;
- Review existing permit system and incorporate emission offset and PSD provisions;
- Finalize and summarize emission inventory to satisfy SIP documentation requirements;

TABLE II-3

COMPARISON OF MEASURED AND PREDICTED SO_2 CONCENTRATIONS

MONITORING SITE	MEAN CONCENTRATION - $\mu g/m^3$ MEASURED[a]	PREDICTED[b]
San Juan	7	23
Bayamon	8	53
Catano - Las Vegas	8	71
Guaynabo - Ft. Buchanan	9	48
Toa Baja	7	67
Ponce	6	15
Guayanilla - Plaza	7	26
Guayanilla - Magas Arriba	7	33
Penuelas	7	9

[a] SO_2 was measured using gas bubblers.

[b] The model predicted concentration with no calibration factors applied, i.e. slope = 1.0 and background = 0.0 $\mu g/m^3$.

- Tabulate emission reductions on source-by-source basis for proposed strategies and for sources not in compliance with current regulations;
- Compute compliance emissions related to existing and proposed regulations;
- Demonstrate reasonable further progress in attaining standards;
- Determine economic impact of proposed control strategies for nonattainment areas;
- Identify effects of proposed control strategies on health and welfare;
- Provide to EQB large scale maps, visual aids, and briefing package for public presentations;
- Provide narrative portions of SIP necessary for demonstration of attainment, reasonable further progress, allowable increments of growth, growth tracking procedures, emission inventory update procedures, and general description of AQDM dispersion model; and
- Develop an outline for a program to control non-traditional sources.

Many of the products of these efforts were included in Clean Air For Puerto Rico, EQB's current implementation plan for attaining and maintaining ambient air quality standards.

Permit and Regulation Review

ES evaluated EQB's existing permit requirements and emission regulations in relation to those from other states and in relation to EPA new source review requirements (offset and prevention of significant deterioration). Additions or modifications were recommended to four articles as follows:

Article	Status	Title	Feature Added
2.8	New	Attainment Status Designation	Nonattainment/attainment and PSD designations
3.1	Modification	Permits	Consistency with offset and PSD
3.2	Modification	Compliance Plans	Consistency with offset, PSD, & requirements of other states
3.3	Modification	Location Approval for Major Sources	Consistency with offset, PSD, & requirements of other states
3.4	New	Emission Offset Policy	Offset provisions
4.1	Modification	Previous Authorization (Open Burning)	Control strategy regulations
5.5	Modification	Process Industries (Particulate Emissions)	Control strategy regulations

EQB used these suggestions as the basis for preparing their revised regulalations for inclusion in the SIP revision.

Base Year Emission Summaries

ES compiled several summaries of the particulate emission inventory for use in the SIP. The inventory produced during completion of Task Order No. 1 was modified for a few sources found to be in error as a result of discussions with EQB personnel. A point by point computer summary of island-wide 1976 emissions, UTM coordinates, and stack data is provided in Appendix A. Several emission points shown in Appendix A have one or more stack parameters but no estimated emissions. This occurred because some processes either did not operate in 1976, operated at such a low load factor that emissions were less than 0.5 tons per year, or were not of a type that emit particulate matter or SO_2. ES compiled summaries from these data for the entire island and for the Catano and Guayanilla-Penuelas nonattainment study areas. Emissions summaries were prepared in pie-chart (and tabular) form to show relative source contributions (SIP Figures II-1, III-4, and III-5 and Tables II-6 and II-7) and were also compiled for the categories specified in Workshop on Requirements for Nonattainment Area Plans (SIP Tables III-10, III-11, and III-12).

Compliance and Control Strategy Emissions

ES identified on a point-by-point basis for the nonattainment study areas the compliance emissions and the emissions for each of the four control strategies (SIP Table IV-1). ES worked with EQB to determine when these emission reductions could be realized. It was decided that compliance with existing regulations could be achieved in the Guayanilla-Penuelas area by the end of 1979 and in the Catano area by the end of 1980. Open burning would be totally regulated by the end of 1981, and the agricultural burning reduction in the Guayanilla-Penuelas area would also be achieved in 1981. Compliance with the control strategies proposed for asphalt dryers and non-process sources would occur before the end of 1982.

1982 Emissions

The growth that would occur from 1976 through 1982 was estimated from the 1990 projection factors developed for Task Order No. 1. ES assumed a compound annual growth rate to generate the projection factors for the 1976 through 1982 period (SIP Table II-15). ES was then able to generate nonattainment study area summaries in the format recommended in Workshop on Requirements for Nonattainment Areas (SIP Tables III-19 and III-20). This required determination of (1) emissions from sources existing in 1976 assuming compliance and application of control strategies and (2) growth from 1976 through 1982. The sum of these values was the total emissions expected in 1982; for comparison purposes, 1976 emissions were also included in the tables.

Reasonable Further Progress and Demonstration of Attainment

Utilizing the previously compiled information, ES prepared figures for each nonattainment study area identifying progress toward and demonstration of attainment (SIP Figures IV-1 and IV-2). Basically, this involved tracing annual emissions through the 1976 to 1982 period, accounting for compliance and control strategy reductions as well as an annual increment of growth. The offset policy adopted by EQB would, however, negate growth effects. For the period through 1979, major source emissions growth would be offset one for one. After that time, new sources would be required to offset their emissions at a higher ratio to account for all growth not previously offset, thus producing a net reduction in total emissions. Through dispersion modeling conducted for Task Order No. 1, ES was able to determine that resulting 1982 emission levels would be low enough to attain the annual standards (56 $\mu g/m^3$ predicted in Catano and 60 $\mu g/m^3$ in Guayanilla-Penuelas, maximum annual geometric mean concentrations). In addition, ES demonstrated that sufficient annual emission reductions would be achieved after 1979 to comply with EPA's reasonable further progress guideline.

Economic and Health and Welfare Impacts of Strategies

Other areas in which ES provided assistance included determining the economic impact of the proposed control strategies in the nonattainment areas and identifying the effects of the proposed control strategies on public health and welfare (SIP Chapter VI). The economic impact was estimated by calculating on a source-by-source basis the control equipment requirements and typical operating costs. Energy consumed in operating the control equipment was also estimated. The effects on public health and welfare were analyzed by overlaying and concentration isopleths on census maps and determining population exposure. Percentages of the population exposed to TSP concentrations above and below the standards were presented.

General SIP Assistance

As part of our obligation to provide general assistance to EQB, large scale maps, visual aids, and a briefing package were prepared for use at public presentations. The maps depict concentration isopleths over the island under base and strategy conditions and indicate those areas not attaining the TSP standards. Other visual aids present source contributions at selected monitoring sites, the proposed regulations, and emission inventory summaries. The briefing package summarized the requirements of the Clean Air Act Amendments of 1977 and the results of the efforts conducted by ES and EQB in meeting these requirements through the July 1978 publication date.

ES drafted for EQB review the following narrative portions of the SIP revision:

- demonstration of attainment;
- reasonable further progress;
- emission inventory update procedures;
- general description of the AQDM dispersion model;
- allowable increments of growth; and
- growth tracking procedures.

The first four items were covered earlier in this chapter; a discussion of the last two items follows.

In order to attain the secondary annual guideline of 60 $\mu g/m^3$, major source offsets must account for all growth that occurs from 1976 through 1982. Thus, only the amount of minor and area source growth that can reasonably be offset by new or modified major sources should be allowed. Because EQB requires permits for all sources which emit one or more tons per year, major and minor point source growth can be tracked and summarized through use of the EIS/P&R computerized data handling system. To track area sources, ES suggested the annual collection of vehicle-miles travelled, population, airport operations, and sugar industry acreage burned. These surrogate parameters relate directly to emissions and represent over 85 percent of the projected area source emissions growth. With this simplified approach, predicted and actual growth can be compared to provide an indication of adherence to the reasonable further progress guideline.

If major source growth is not of sufficient magnitude to provide offsets for all minor and area source growth, further reductions in existing emission levels will be necessary to insure attainment and maintenance of the air quality standards. Nontraditional sources, presently uncontrolled, offer the potential for substantial emission reductions. ES outlined a program for EQB to control nontraditional sources such as resuspended road dust, unpaved roads, construction and demolition, unpaved parking lots, agricultural land, abandoned mineral piling (refuse), uncovered trucks, and athletic and sport facilities. Major topics covered in the outline include a program for defining nontraditional sources, control techniques, cost/benefit analysis, political and similar commitments required, manpower and resource requirements, and time schedule for regulating nontraditional sources. Such a program is the logical approach to further reducing emissions, assuming that existing point sources have already been controlled to reasonable levels.

CHAPTER III

SUMMARY AND CONCLUSIONS

Summary

During the past five years, Engineering-Science personnel have supplemented the staff of the Puerto Rico EQB in meeting EPA's SIP revision requirements for attainment and maintenance of TSP and SO_2 standards. The specific technical efforts conducted by ES were outlined in Chapter II.

For two areas designed as nonattainment for TSP, ES showed that primary and secondary air quality standards could be achieved by the end of 1982. This would be accomplished through compliance with existing regulations, adoption of four new reasonably available control technology type regulations, and passage of regulations requiring that all growth be offset by new or modified major sources. A simplified emission tracking procedure would be instituted to compare predicted versus actual growth and check for achievement of reasonable further progress in attaining the standard. No nonattainment areas were designated for SO_2.

In addition, it was determined that in two other municipalities there exists the potential to exceed the TSP standards by the end of 1990, considering the forecast level of growth, unless the offset policy were continued after 1982. If minor point and area source growth were to occur at a much higher rate than major sources, sufficient emission reductions to maintain the TSP standards might not be possible through the offset policy. A program to obtain further emission reductions from existing sources would then be necessary.

ES was not able to validate AQDM for SO_2 since available air quality data were collected using gas bubblers, which generally underestimate actual concentrations. Results with the unvalidated model showed that SO_2 standards might not be maintained in some municipalities by 1990 with the projected level of growth and existing regulations. If necessary, either a modification of the sulfur-in-fuel regulation or the adoption of the offset policy for SO_2 were recommended to maintain standards.

Recommended Improvements and Additional Studies

The results of the analyses performed to date point to certain refinements in the data base or to additional analyses that should be performed to further develop source-receptor relationships. With respect to TSP, observed concentrations in Ponce and Guanica (arid south coast area) were well below those predicted by AQDM. As a result, the municipalities of Ponce and Guanica were not designated as nonattainment. A short-term monitoring program should be conducted for these areas to determine if the high concentrations predicted by AQDM actually occur. The areas can then properly be designated as attainment or nonattainment. ES also recommends that a more rigorous evaluation of industrial process fugitive particulate emissions be undertaken to insure completeness and accuracy of the inventory. Such is necessary not only to identify potential sources for further control, but also to establish the best possible source-receptor relationship. Because methodologies for estimating nontraditional source emissions are being continuously refined, a review of emissions from these sources, especially in the south coast area, would be appropriate. Due to the magnitude of emissions from open burning at landfill sites and their relative importance to attaining the ambient air quality standards, ES feels that further assessment of this category is warranted.

With respect to SO_2, it would seem necessary to make an additional attempt to validate AQDM as soon as sufficient ambient measurements are available. A maintenance analysis could then be performed and if necessary, strategies evaluated. As previously mentioned, a possible strategy would be to regulate sulfur-in-fuel using EQB's Article VI. ES recommends a review of the point and area source inventories in order to accurately determine existing sulfur-in-fuel levels. Cost-effective strategies could then be developed by source category or fuel type.

ES suggests that an analysis of major point source growth be made in relation to minor point and area source growth. It will be necessary to determine if the offset policy can produce sufficient reductions to counterbalance all growth that occurs. If this is not possible, then a nontraditional source control program will be required to attain the standards. Whether through the offset policy or specific nontraditional source emission regulations, ES believes that nontraditional sources will supply the emission reductions necessary to attain and maintain TSP standards. A parallel situation exists for SO_2 in that regulation of sulfur-in-fuel will provide necessary emission reductions.

A cursory analysis of good engineering practice (GEP) stack heights has already been conducted in order to preclude the use of tall stacks and pollutant dispersion as a control method. ES recommends that a more detailed analysis be performed not only to identify stacks higher than GEP, but also those lower than GEP. It may be possible to significantly improve air quality, especially in urban areas, by increasing stack heights to GEP. Such a program could also prove to be cost-effective in comparison to other techniques available for lowering ambient pollutant concentrations.

Although ES proposed a simplified method which EQB could utilize to track growth of emissions, a more sophisticated approach will be necessary to track air quality increments for prevention of significant deterioration. ES recommends a computer system which would utilize EIS/P&R data, various dispersion models, and summary reports to provide air quality and emission increments in the detail required. Such a system could also be used to record emission offset transactions and identify potential sources of offsets as well as to determine associated changes in air quality. Of course, all point and area source emissions would need to be maintained in an EIS/P&R file in order to use the proposed system.

This additional work would serve to more accurately and completely quantify the emissions base and thus enable development of source-receptor relationships of the quality desirable for air quality planning. It would also identify other emission sources that would be capable of providing offsets or that might be cost-effectively controlled to obtain necessary emission reductions. The availability of a computerized system for tracking emissions and air quality would enable EQB to more effectively meet the requirements of the Clean Air Act with respect to attainment, maintenance, and prevention of significant deterioration.

APPENDIX A

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                                                     EPA REGION IV EIS DATA IN AQDM FORMAT                                    PAGE    1
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                             UTM               EMISSIONS IN TONS/YEAR              S T A C K    D A T A
        FIRST                     COMMON  UTM COORDINATES     ESTIMATED        ALLOWABLE       PLUME  HEIGHT    DIAM  TEMP   FLOW
POINT    SCC     COMMENTS          STACK  ZN  HORIZ  VERT    PART     SO2     PART    SO2     HGT-FT   FEET     FEET   F   RATE-CFM

40  0040  244  0001  GENERAL CIGAR DE UTUADO.ADJ.UTUADO RD.
 01  10200503  1720036.CIGAR MFG    00  19  122.8    46.6       1       5       2                       18       1.   360     1246
                                        PLANT TOTAL             1       5       2

40  0040  244  0002  HACIENDA SANTA ELENA KM.46 RD.NO.10
 01  10200503                       00  19  121.8    42.9                       1                        7       .8   400      360
                                        PLANT TOTAL                             1

40  0040  244  0005   HACIENDA SANTA ELENA.KM.46 RD.NO 10
 01  10200503  1750001              00  19  121.8    42.9                                                7       .8   400
                                        PLANT TOTAL
                                        COUNTY TOTAL            1       5       3

40  0080  244  0001  BETTEROADS ASPHALT PLANT 2 RD 2 KM 139.6
 01  30500201                       00      76.      55.6     328                                       30      3.6   225    44000
 02  30500202                       00      76.      55.6      94                              20                      80
                                        PLANT TOTAL           422

40  0080  244  0002  BEST CONTRACTIN CORP.RD.2 KM.139.6
 01  30502001  12710182             00  19   77.3    54.7                       9              30                      80
                                        PLANT TOTAL                             9

40  0080  244  0003  CENTRAL COLOSO CAR 2 KM 133 HM-4
 01  10201102       BAGASSE         03       75.5    61.       38      11                              175      14.   500    77434
 02  10201102  BAGASSE              03       75.5    61.       38      11                              175      14.   500    77434
 03  10201102  BAGASSE              03       75.5    61.       38      11                              175      14.   500    77434
 04  10201102  BAGASSE              00       75.5    61.       94      66                               65       7.   500   130000
                                        PLANT TOTAL           208      99

40  0080  244  0004  AG SERV ADMIN AG LIMEST PLT AGUADA
 01  30501601       LIMEST CRUSH    00  19   64.2    60.3      31                                  30                      80
                                        PLANT TOTAL            31

40  0080  244  0005  LOADER MACHINE FOR SAND EXTRACTION.
 01  30502006                       00  19   72.7    61.2      15               6              30                      85
                                        PLANT TOTAL            15               6

40  0080  244  0006  CARIBE FOAM & BENDER BD ESPINAL AGUADA
 01  30102406                       00  19   74.5    63.8                                      15
                                        PLANT TOTAL
                                        COUNTY TOTAL          676      99      15

40  0120  244  0001  PRWRA-AGUADILLA,BARRIO VICTORIA
 01  20100101                       00  19   76.1    63.7      55     126                               22      11.   690   388830
                                        PLANT TOTAL            55     126

40  0120  244  0002  REXACH ASPHALT CORPORATION  AGUADILLA
 01  30500202  12710052             00  19   83.4    68.3                      40              30                     100
                                        PLANT TOTAL                            40

40  0120  244  0004  MANHATTAN HOSIERY CORP. INDUS.LA MONTANA
 01  10200402  2720082              00  19   76.3    67.2      12     150      16                        9      2.6   400     7895
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ST  CNTY AQCR PLANT  NAME AND ADDRESS                  EPA REGION IV EIS DATA IN A204 FORMAT                                      PAGE    2

                                                   UTM                    EMISSIONS IN TONS/YEAR               S T A C K    D A T A
       FIRST                            COMMON  UTM COORDINATES      ESTIMATED        ALLOWABLE          PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC       COMMENTS               STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2       HGT-FT   FEET    FEET   F   RATE-CFM
 02  10200402                               02  19   76.3    67.2     12      150       16                          9     2.6   430    5124
                                             PLANT TOTAL             24      300       32

40  0120  244  0005  HOSPITAL SUB-REGIONAL AGUADILLA
 01  50100505                               00  19   76.7    67.8                        1                        109     1.3          867000
 02  10300403                               00  19   76.7    67.8      2       29        5                        109     2.    300      627
 03  10300403                               00  19   76.7    67.8      2       29        5                        109     2.    300      627
                                             PLANT TOTAL              4       58       11

40  0120  244  0011  AGUADILLA CEMENT PRODUCT CORP AGUADILLA
 01  30501101  12710113                     00  19  102.6     4.6                       13                19                  85
                                             PLANT TOTAL                                13

40  0120  244  0012  GARAGE LUIS BRAVO BO.CAMASEYES
 01  40200101  1746000 CAR PAINTING         00  19   77.9    70.8                                          8                  80
                                             PLANT TOTAL

40  0120  244  0013  CANTERA CARIBE  BO CORRALES AGUADILLA
 01  30502001  0730.72                      00  19   80.6    67.5     11                52                12                  85
 02  30502002                               00  19   80.6    67.5     33                52                12                  80
 03  30502002                               00  19   80.6    67.5     33                52                12                  80
 04  30502006                               00  19   80.6    67.5     44                52                 8                  80
 05  30502007                               00  19   80.6    67.5    309                52                10                  80
                                             PLANT TOTAL            430               260

40  0120  244  0014  PANADERIA CIRILO PEREZ CARR.459AGUADILLA
 01  10301003                               00  19   77.6    68.1                                                 10      .8   330      150
                                             PLANT TOTAL

40  0120  244  0020  GARCIA CONCRETE.BO.CAIMITAL ALTO
 01  30501101  0750200                      00  19   79.8    70.       1                16                20                  80
                                             PLANT TOTAL              1                16

40  0120  244  0021  MIRABELLA INC.MONTANA IND.PARK
 01  10200501  10750346                     00  19   76.6    66.4               2                                 22      .7   375      541
                                             PLANT TOTAL                       2

40  0120  244  0022  LEONARDO VEGA AND HERNAN VEGA.R.VIEJA
 01  30502001  0760214                      00  19                                                    20                  80
 02  10200503  0760214                      00  19                                                                8      .4   330
                                             PLANT TOTAL

40  0120  244  0023  VICTORIA JET POWER.PACK.AGUADILLA
 01  10200501                               00  19                                                                22     9.2   690    98019
                                             PLANT TOTAL
                                             COUNTY TOTAL           514      466      372

40  0140  244  0001  PANADERIA BORINQUEN CALLE DR.VECHANI HUM
 01  10300403  10730303                     00  19  107.1    46.9      1        7                                 35     2.    300      620
                                             PLANT TOTAL              1        7

40  0140  244  0002  PURITANIA MFG.CO. RD.156 KM.51.4
 01  10200403  12710153                     03  19  107.2    46.2      2       34        2                        17     1.7   500     1973
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                                                   EPA REGION IV EIS DATA IN AQDM FORMAT                              PAGE   3
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                               UTM              EMISSIONS IN TONS/YEAR          S T A C K   D A T A
        FIRST                         CONTROL  UTM COORDINATES    ESTIMATED     ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT    SCC      COMMENTS             STACK  ZN  HORIZ  VERT    PART   SO2    PART    SO2     HGT-FT  FEET   FEET   F   RATE-CFM
  02  10200402                          00   19  187.2   46.2      2     40                              18    1.7   375    4419
  03  10200403                          00   19  187.2   46.2      1     12                              19    1.    350    1054
                                             PLANT TOTAL           5     94      2

40  0140  244  0003  PORTLAND MFG.COMPANY.RD.156 KM.51.4
  01  10200401                          00   19  181.8   45.       2     34      2                       17    1.7   500    1600
                                             PLANT TOTAL           2     34      2
                                             COUNTY TOTAL          8    135      4

40  0160  244  0002  [illegible] RUBBER PROSS. PLANT CARR. 14
  01  30299999  0710225 VEGETAL DRYER   00   19  167.3   32.5                    6              10                  80
  02  10300602                          00   19  167.3   32.5      1      9      1                       48    1.    430    1375
                                             PLANT TOTAL           1      9      7

40  0160  244  0005   SAN ANTONIO REALTY CORP.KM.1
  01  10200401  5760101                 00   19  170.8                                                 25    1.3   323
                                             PLANT TOTAL

40  0160  244  0006   CENTRO DE DIAGNOSTICO Y TRATAMIENTO
  01  50100505  10700440                00   19  173.1   33.7                                           6    1.1   206     412
                                             PLANT TOTAL
                                             COUNTY TOTAL          1      9      7

40  0200  244  0001  HORMIGONERA MAYAGUEZANA RD 2 KM 146 HM 6
  01  30501101  5720108                 00   19   75.1   49.3                   18              35                  85
                                             PLANT TOTAL                        18

40  0210  244  0005  PROTECTIVE RELAYS INC.P.R.ROAD 402 K.1.4
  01  30400799  RELAYS MFG.             00   19   77.6   51.1                                   30                  70
                                             PLANT TOTAL
                                             COUNTY TOTAL                       18

40  0240  244  0002  P.R.ASPHALT 22 RD 2652 KM 1.2
  01  30500201                          00   19  121.9   67.2                        9999999           40    6.    130   35000
  02  10200503                          00   19  121.9   67.2                                           35    1.1   350     176
  03  30500202                          00   19  121.9   67.2                                    20                  80
                                             PLANT TOTAL

40  0240  244  0005  PUERTO RICO CHEMICAL KM 72.2 RD2
  01  30101503                          00   19  124.7   68.9                                           82    5.    160     870
  02  33199999  MFG PHTALIC ANHYDRID    03   19  124.7   68.9      9    156                             46    2.7  1100   22075
  03  30199999  MFG PHTALIC ANHYDRID    03   19  124.7   68.9      9    156                             46    2.7  1100   22075
  04  10200402             200 HP CAP   00   19  124.7   68.9           265                             30    4.    320   82000
                                             PLANT TOTAL          18    577

40  0240  244  0007  HORMIGONERA MAYAGUEZANA INC.00.FACTOR
  01  30501101                          00   19  131.1   68.2      1            18              30                  70
                                             PLANT TOTAL           1            18

40  0240  244  0004  PUERTO RICO DISTILLERS MIRAMAR AV
  01  10200402             NO. 6 OIL    02   19  120.3   71.1      2    121                            125    4.3   500    9000
  02  10200402             NO.6 OIL     02   19  120.3   71.1      2    121                            125    4.3   500    9000
  03  10200503                          00   19  120.3   71.1                                           25     .8   400     400
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ST  CNTY AQCR PLANT  NAME AND ADDRESS                EPA REGION IV EIS DATA IN AQDM FORMAT                                   PAGE    4

                                                   UTM                 EMISSIONS IN TONS/YEAR         S T A C K    D A T A
        FIRST                              COMMON  UTM COORDINATES    ESTIMATED       ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS                  STACK  ZN  HORIZ  VERT    PART    SO2     PART    SO2    HGT-FT   FEET    FEET   F   RATE-CFM
                                                 PLANT TOTAL            .4     242

40  0240  244  0015  BETTEROADS ASPHALT PLANT #6  RD 10 .
 01  30500201                               00  19  125.1   63.9      84                                        40      6.    250    23000
                                                 PLANT TOTAL          84

40  0240  244  0016  HORMIGONERA MAYAGUEZANA INC.CARR.2 K.64.
 01  30501101                               00  19  132.1   67.        3                              20                      80
                                                 PLANT TOTAL           3

40  0240  244  0018  PUERTO RICO ASPHALT COMPANY PLANT 2 K 65
 01  30500202  AGGREGATES STOCK PIL         00  19  121.9   67.2     151                              18                      80
 02  30500202  COLD AGGREGATES BIN.         00  19  121.9   67.2     151                              18                      80
 03  30500201  ROTARY DRIER                 00  19  121.9   67.2                                      17                      80
 04  30500202  HOT SCREENS                  00  19  121.9   67.2       3                              17                      80
 05  10200503                               00  19
                                                 PLANT TOTAL         305

40  0240  244  0019  PAN AMERICAN PAPER MILLS KM.73 H.3
 01  10200403                               00  19  124.7   68.7      21      40                              84     3.5    350    10613
 02  10200403                               00  19  124.7   68.7      20      38                              84     3.5    450     9281
 03  10200403                               00  19  124.7   68.7      20      38                              84     3.5    425    10034
                                                 PLANT TOTAL          61     116

40  0240  244  0020  INSETEY CORP.STATE RD.129 KM.1.9
 01  10200401                               00  19  120.7   70.        1      12       2                      43     1.5    375     1296
                                                 PLANT TOTAL           1      12       2

40  0240  244  0021  CONCRETERA ABREU INC.CARR.NO.2 KM.80
 01  30501101  12710061                     00  19  118.4   71.5                      40              10                      85
                                                 PLANT TOTAL                          40

40  0240  244  0022  REXACH ASPHALT CORP.C.CAMBALACHE ARECIBO
 01  30500199  12710051                     00  19  125.    64.                       28              10                      80
                                                 PLANT TOTAL                          28

40  0240  244  0025  ARCO STONE CORP,CARR 129 KM 36.8
 01  30502001                               00  19  117.5   66.5       1                              30                      80
 02  30502002                               00  19  117.5   66.5       3                              30                      80
 03  30502003  SCREEN/CONV/HANDLING         00  19  117.5   66.5       2                              30                      80
                                                 PLANT TOTAL           6

40  0240  244  0026  PALMA REAL APTS.CALLE ROSES ARIMO
 01  50206100                               00  19  122.5   70.9                       1                      14     1.8    210     2160
                                                 PLANT TOTAL                           1

40  0240  244  0027  PUERTO RICO OIL PLANT ARECIBO
 01  30299999  10730300 STEAM STRIP         00  19  124.3   71.6                      11                      30     9.      85  5074337
 02  10200401  DOWTHERM VAPORIZER           00  19  124.3   71.6                       1                      64     1.4    850      927
 03  10200401  STEAM BOILER                 00  19  124.3   71.6       1               1                      28     1.4    530     3603
                                                 PLANT TOTAL           1              13

40  0240  244  0028  DUKITE CORPORATION NEXT TO CENTRAL CAMB.
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ST  CNTY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQDR FORMAT                              PAGE    5

                                                    UTM             EMISSIONS IN TONS/YEAR            S T A C K    D A T A
         FIRST                          COMMON  UTM COORDINATES      ESTIMATED       ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT     SCC       COMMENTS            STACK   ZN  HORIZ   VERT    PART    SO2     PART    SO2    HGT-FT  FEET    FEET   F   RATE-CFM
 01   10200401  10740535                  00    19  110.8   20.3     42     432     1887                    65     4.    500    21774
 02   10200403                            00    19  110.8   20.3      5      46        7                    65     3.    450     2211
 03   39999999  HARDBOARD MFG             00    19  110.8   20.3                      26                    24     2.3    85    15000
 04   39999999  HARDBOARD MFG             00    19  110.8   20.3                      26                    24     2.3    85    15000
                                              PLANT TOTAL            47     478     1946

40  0240  244  0010  EXTRACTION DE ARENA BLANCA.CARR.662 K.9.8
 01   30502501                            00    19  131.1   69.7                                      5                   85
                                              PLANT TOTAL

40  0240  244  0011  CANTERA O.T.O.P OFIC.REGIONAL
 01   30502001  4750149 CRUSHING          00    19  140.3   66.8      4               28             15                   80
 02   30502007  4750149 STORAGE           00    19  140.3   66.8     24               16             15                   80
                                              PLANT TOTAL            28               44

40  0240  244  0012  PUERTO RICAN INT.PAPER CO. RD 2 KM.72.9
 01   10201402  8740250                   00    19  124.4   69.4                      35                    84     3.5   350    10608
 02   10200403                            00    19  124.4   69.4                      34                    84     3.5   450     9277
 03   10200403                            00    19  124.4   69.4     20     480       30                    84     3.5   425    10029
                                              PLANT TOTAL            20     480       99

40  0240  244  0040  ANGEL L.REYES.ROAD 681 KM.13.0
 01   30502001                            00    19  129.7   65.6                                     15
                                              PLANT TOTAL

40  0240  244  0041  CAT.ARENA DAMIAN CARDONA.129 ST.
 01   30502001  12740333                  00    19  119.3   69.1      7               19             20                   80
                                              PLANT TOTAL             7               19

40  0240  244  0042  CANTERA AVILA .CARR.490 KM.0.9 H.ARRIBA
 01   30502001  6750225                   00    19  113.1   67.8      3                              15                   80
                                              PLANT TOTAL             3

40  0240  244  0043  FIESTA FARMS INC.CARP.682 KM.5 H.0
 01   10200403  7730179                   00    19  131.3   69.2                                            20     1.5
 02   10200503                            00    19  131.3   69.2                                            20     1.5
                                              PLANT TOTAL

40  0240  244  0045  MALIMA DUMPING EARTH MOVEMENT.RD.2 K.0.
 01   30502001  9760382                   00    19  128.4   58.3     20                              19                   80
                                              PLANT TOTAL            20

40  0240  244  0046  ARECIBO SERVI GAS.CARR.2 K.63.1 BO.CANDE
 01   40399999  BOTTLING L.P.GAS CYL      00    19  135.    66.7                                     15                   80
                                              PLANT TOTAL

40  0240  244  0047  HATO VIEJO VALLEY INC.CARR.10 K.80.6
 01   30502001                            00    19  126.3   62.3     24                              20                   80
                                              PLANT TOTAL            24

40  0240  244  0048  ALSTON INTERNATIONAL CORP.
 01   10201503                            00    19                                                          13      .4   400
                                              PLANT TOTAL
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ST  CNTY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQDA FORMAT                                        PAGE    6

                                                      UTM           EMISSIONS IN TONS/YEAR              S T A C K    D A T A
       FIRST                              COMMON  UTM COORDINATES     ESTIMATED      ALLOWABLE          PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC       COMMENTS                STACK  ZN  HORIZ  VERT    PART    SO2     PART    SO2        HGT-FT  FEET     FEET   F   RATE-CFM

40  0240  244  0009  GENERAL ELECTRIC INC. R 129 K 41 ARECIBO
 01  30101399                              00  19  120.1   79.6                                         15
 02  30101399                              00  19                                                       15
                                              PLANT TOTAL
                                              COUNTY TOTAL          633    1505    2210

40  0260  244  0004  ARROYO DYE WORKS ST.MARINA JURSE
 01  10200402  4730113 (2 BOILERS)   00  19  191.3   15.                      3                        60     2.    300    2868
                                              PLANT TOTAL                             3

40  0260  244  0006   EXT.JAQUINES DE ARROYO
 01  30502061  1750013                 00  19                                                         15                   80
                                              PLANT TOTAL
                                              COUNTY TOTAL                            3

40  0320  244  0001  VANITY FAIR PAPER CORP.OF P.R.
 01  10200402  3720106                 00  19  141.3   70.7                    27                      30     2.    450    4753
                                              PLANT TOTAL                            27

40  0320  244  0003  UNION CARBIDE FILMS PKG INC CAR 2 KM56.7
 01  10200402                          02      139.5   66.1      7     140                             75     2.    400    4712
 02  10200402                          02      139.5   66.1      7     140                             75     2.    400    4712
                                              PLANT TOTAL           14     280

40  0320  244  0008  WINTHROP LAB.  BARCELONETA
 01  30199999  5710240  ORGANICS       00  19  137.6   66.3                     1                      30     .7     90     351
 02  30199999  BENZOAL.PPHAR           00  19  137.6   66.3                                            30     .7     60     628
 03  49099999  VAPOR OR DUST           00  19  137.6   66.3                                            30     1.     75    3487
 04  10200502                          00  19  137.6   66.3      2      27                              3     2.    350    6155
                                              PLANT TOTAL            2      27      1

40  0320  244  0026   JAGUALY INDUSTRIES
 01  30199999                          00  19  141.1   69.2                                            40     2.    330    5292
 02  10200401                          00  19  141.1   69.2      6      49      4                      35     2.    600   11000
 03  10200401                          00  19  141.1   69.2      7      61     11                      35     2.    600   12400
                                              PLANT TOTAL           13     110     15

40  0320  244  0021  CHAMPION CONCRETE INC.CARR.140 KM.65.2
 01  30501101  1271043                 00  19  130.9   67.5      2             17               15                         85
                                              PLANT TOTAL            2             17

40  0320  244  0023  PFIZER PHARMACEUTICALS,INC RD.2 KM 58.4
 01  10200402                          02  19  139.    66.5      3      15                             32     2.    420    7545
 02  10200402                          02  19  139.    66.5      3      15                             32     2.    420    7545
 03  50300599                          00  19  139.    66.5      1                                     18     1.3   212    1140
 04  50300101                          00  19  139.    66.5      1                                     22     .8   1830    1000
 05  30199999  CHLOROPROPAMIDE MFG     00  19                    1                                     67     .7    160    1300
 06  30199999  SOLVENT RECOVERY        00  19                                                          67     1.     70    4050
 07  30199999  PHARM.BLENDING          00  19                    1                                     30     1.2    96    2776
 08  30199999  PHARM.ENCAPSULATING     00  19                    1                                     30     .7     86    2405
 09  30199999  PHARM.GRANULATION       00  19                                                          43     2.5   167    7200
 10  30199999  PHARM.GRANULATION       00  19                                                          43     2.5   167    7200
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                           UTH               EMISSIONS IN TONS/YEAR          S T A C K    D A T A
      FIRST                        COMMON  UTM COORDINATES    ESTIMATED      ALLOWABLE      PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT  SCC       COMMENTS          STACK  ZN  HORIZ  VERT    PART    SO2    PART    SO2    HGT-FT  FEET    FEET   F   RATE-CFM
                                         PLANT TOTAL           11      30

40  0320  244  0024  MERCK SHARPE DOHME QUIMICA DE P.R.
 01  30199999                        00  19  139.9    66.4                                        100     3.    90    18500
 02  50300101  RUBBISH INCIN         00  19  139.9    66.4                    1             20                1200
 03  30199999  DRYER 1 OF 6          00  19  139.9    66.4      1            90                    65     1.    80      980
 04  30199999  DRYER 2 OF 6          00  19  139.9    66.       1            90                    60      .5   80      980
 05  30199999  DRYER 3 OF 6          00  19  139.9    66.       1            90                    50      .5   80      470
 06  30199999  DRYER 4 OF 6          00  19  139.9    66.       1            90                    70      .5   80      470
 07  30199999  DRYER 5 OF 6          00  19  139.9    66.       1            90                    70      .7   85     1400
 08  30199999  DRYER 6 OF 6          00  19  139.9    66.       1            90                    75      .7   85     1400
 09  30199999  DISTILLATION PROCESS  00  19  139.9    66.4                                         90     1.5  100       75
 10  30199999  REFLUX PROCESS        00  19  139.9    66.4                                         60      .7  165        4
 11  30199999  REACTOR (CHEMICAL)    00  19  139.9    66.4                                         55      .8   85      400
 12  30399999  PYROLYSIS PROCESS     00  19  139.9    66.4             128                         72     2.3 1400     1200
 13  10200402                        14  19  139.9    66.4      9      129  9999999      323       90     3.   350     5529
 14  10200402                        14  19  139.9    66.4      9      129                         90     3.   350
 15  10200402  TWO BOILER WITH       16  19  139.9    66.4      9      129                         90     3.   350
 16  10200402                        16  19  139.9    66.4      9      129                         90     3.   350
                                         PLANT TOTAL           42      644      541      323

40  0320  244  0025  BRISTOL CARR.2 KM 56.8   00617
 01  10200402         BOILER         00  19  139.1    65.6      4       85                         60     3.3  535     7361
 02  10200402                        00  19  139.1    65.6      4       85                         60     3.3  535     7361
 03  50300101  7.5TONS 80% COMBUST   00  19  139.1    65.6                                         24     1.   750     2000
 04  30199999  MATERIAL HANDLING     00  19  139.1    65.6                                  30                  80
 05  30199999  ANTIBIOTIC REACTOR    00  19  139.1    65.6                                  30                  80
 06  30199999  4 VACUUM DRYERS       00  19  139.1    65.6                                  30                 100
 07  40400199  36 TANKS,UNK SOLVENT  00  19  139.1    65.6                                  30                  80
                                         PLANT TOTAL            8      170

40  0320  244  0026  ABBOTT CHEMICALS,CARR #2 KM 58
 01  10200402                        03  19  138.3    66.4      9      123                         80     5.3  500    20000
 02  10200402                        03  19  138.3    66.4      9      123                         80     5.3  500    20000
 03  10200402                        03  19  138.3    66.4      9      123                         80     5.3  500    20000
 04  20200101    TURBO GENERATOR     05  19  138.3    66.4                                         40     7.   885    99000
 05  20200101                        05  19  138.3    66.4                                         40     7.   885    99000
 06  10200503                        00  19  138.3    66.4                                         36     7.   885   217055
                                         PLANT TOTAL           27      369

40  0320  244  0030   THE UPJOHN MFG.HWY.NO.2 KM.60
 01  10200402                        02  19  135.2    66.4             245                         70     4.3  485   169041
 02  10200402                        02  19  135.2    66.4             245                         70     4.3  485   169041
 03  10200402                        00  19  135.2    66.4             245                         70     4.3  485   169041
 04  30199999                        00  19  135.2    66.4
                                         PLANT TOTAL                   735

40  0320  244  0031   CASERA FOOD PLANTS.ROUTE 2 KM 58.2
 01  10200402  10740326              00  19  137.4    66.7                                                20.   400
 02  10200402                        00  19  137.4    66.7                                                18.   400
                                         PLANT TOTAL

40  0320  244  0032   A.H.ROBINS MANUF.CO.
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ST  CNTY AQCR PLANT  NAME AND ADDRESS           EPA REGION IV EIS DATA IN AQDM FORMAT                                 PAGE    8

                                                 UTM
        FIRST                                                       EMISSIONS IN TONS/YEAR          S T A C K   D A T A
POINT    SCC      COMMENTS          COMMON  UTM COORDINATES      ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP      FLOW
                                     STACK  ZN  HORIZ   VERT       PART      SO2      PART      SO2  HGT-FT   FEET   FEET     F  RATE-CFM
 01  30199999  6766204                   19  141.1    69.2
                                       PLANT TOTAL
                                       COUNTY TOTAL                 119     2365       601      323

40  0360  244   0001  HOTEL BARRANQUITAS.KM.2.4 RD. 152
 01  10300503                        00  19  164.9    41.4                  2                                  99     .8   350
                                       PLANT TOTAL                          2

40  0360  244   0003  AG SERV ADMIN AG LIMEST PLT BARRANQUITAS
 01  30501601        LIMEST CRUSH    00  19  164.2    44.2          2                                30                   80
                                       PLANT TOTAL                  2

40  0360  244   0005  BARRANQUITAS AGRICULTURAL LIME.RD.769
 01  30502031  10740321              00  19  162.1    43.5          5                                18                   80
                                       PLANT TOTAL                  5
                                       COUNTY TOTAL                 7       2

40  0400  244   0001  PUERTO RICO ASPHALT CO.RD.174 K 5.0 BAYA
 01  30500201                        00  19  183.     60.2                                                     30    2.7   215     10000
 03  30500202                        00  19  167.1    63.7                                       20                   80
 04  10200503  TWO ASPHALT HEATERS   00  19  167.1    63.7                                                     35    1.1   350       985
                                       PLANT TOTAL

40  0400  244   0002  CANTERA FERRER KM 6.6 RD 174 BAYAMON
 01  30502001          CRUSHING      00  19  183.8    58.5          5                                30                   80
 14  30502006  HAND/SCREEN           00  19  183.8    58.5          6                                30                   80
                                       PLANT TOTAL                 11

40  0400  244   0004  FAMIS HERMANOS INC    BAYAMON
 01  30502001  12710091              00  19  183.5    56.9          2                 52             10                   80
 02  30502002                        00  19  183.5    56.9          4                340             10                   80
 04  30502006                        00  19  183.5    56.9          4                340             10                   80
 05  30502008                        00  19  183.5    56.9          2                340             10                   80
 06  30502007                        00  19  183.5    56.9        111                340             25                   80
                                       PLANT TOTAL                123               1412

40  0400  244   0005  HORMIGONERA INC.PLANT 6 HIGHWAY 167
 01  30501101                        00  19  178.2    60.8                            56             30                   80
                                       PLANT TOTAL                                    56

40  0400  244   0006  TAX. LTD. P. O. BOX 597 00619
 01  10200503                        00  19  182.     61.8                  1         1                        27     .8   375       381
 02  10200503                        00  19  182.     61.8                  1         1                        30     1.   350       616
 03  10200503                        00  19  182.     61.8                  1         1                        28     .7   350       381
                                       PLANT TOTAL                          3         3

40  0400  244   0009  P.R.CONTAINER COMPANY LTD.RD.2 KM.15.2 H
 01  10101402  FIRE TUBE SUPERIOR 8  00  19  177.8    61.7          2      52                                  34     2.   450       619
                                       PLANT TOTAL                  2      52

40  0400  244   0010  THE SHERWIN-WILLIAMS CO OF P.R. INC.
 01  30101401                        00  19  183.2    61.2                             2                       18     .5    90      1350
                                       PLANT TOTAL                                     2
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ST  CNTY ACCT PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQDM FORMAT                                          PAGE    9

                                                    UTM              EMISSIONS IN TONS/YEAR              S T A C K    D A T A
        FIRST                              COMMON  UTM COORDINATES     ESTIMATED          ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC      COMMENTS                 STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2     HGT-FT  FEET     FEET   F    RATE-CFM

40  0400  244  0011  COND.LOS JAZMINES VBC 75 BLDG 11.URB.A.S
 01  50200301                              00  19                                                                145      2.6   210      6584
                                             PLANT TOTAL .

40  0400  244  0013  SEVEN UP BOTTLING CO.INC. RD.174 KM.1.7
 01  10200503                              00  19  183.1    61.2                         1                       25       .8   500      1036
                                             PLANT TOTAL                                 1

40  0400  244  0014  FROZEN FRUIT CONCENTRATES INC-HATO TEJAS
 01  10200402  12710165                    00  19  179.5    63.6      2        49        3                       32      1.8   350      4374
                                             PLANT TOTAL              2        49        3

40  0400  244  0015  PANADERIA RAMOS CARR.NO.2 KM.11.3
 01  10200503  11730332                    00  19  181.6    62.6                         1                       60      1.    300       410
 02  10300503                              00  19  181.6    62.6                                                 60      1.    300       410
                                             PLANT TOTAL                                 1

40  0400  244  0016  ELEVEN ELEVEN CORP  MAIN ESQ LOMAS VERDE
 01  10200503  10730231   40HP             00  19  182.5    61.8                                                 15       .7   185       139
 02  10200503  20HP STAND-BY               00  19  182.5    61.8                                                 10       .5   185       139
                                             PLANT TOTAL

40  0400  244  0018  METRO CONSTRUC. CO. INC. CARR NO 28 S N
 01  30502001                              00  19  180.7    63.3      8                 43                30                   80
                                             PLANT TOTAL              8                 43

40  0400  244  0019  CANTERA DAVID CABRERA  HATO TEJAS
 01  30502001  5730121                     00  19  177.3    64.4     29                 61                10                   85
                                             PLANT TOTAL             29                 61

40  0400  244  0020  METRO AGGREGATES INC PLANT 2  CIALES
 01  30502001                              00  19  146.2    64.6     10                 54                30                   80
                                             PLANT TOTAL             10                 54

40  1400  244  0021  RAMOS HERMANOS INC   BAYAMON
 01  30502001                              00  19  183.5    56.9     11                 52                10                   70
                                             PLANT TOTAL             11                 52

40  0400  244  0022  RIVERSIDE PLAZA COND.STA CRUZ ST.
 01  50200301                              00  19  183.     62.5                                                100      2.5   210      6140
                                             PLANT TOTAL

40  1400  244  0023  SEVEN UP BOTTLING CO.INC. R 174  MINILLA
 01  30101401                              00  19  183.     60.8                                          15
 02  10200501                              00  19                                                                27      1.1   450       364
 03  10200501                              00  19                                                                27      1.1   450       655
                                             PLANT TOTAL

40  0400  244  0024  CAPITAL MILLWORK CORP.IND.MINILLAS BAYAM
 01  30799999  WOOD WORKING                00  19  183.2    60.7                                          17                   80
                                             PLANT TOTAL

40  0400  244  0025  COND.LOS JAZMINES VBC 75 BLDG I URB.A.ST
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                   UTM                    EMISSIONS IN TONS/YEAR               S T A C K     D A T A
       FIRST                              COMMON  UTM COORDINATES       ESTIMATED          ALLOWABLE          PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC       COMMENTS                STACK   ZN  HORIZ  VERT     PART      SO2       PART      SO2      HGT-FT   FEET    FEET   F    RATE-CFM
 01  50200301                              00  19  182.4    61.6                                                      145      2.6   210      6584
                                               PLANT TOTAL

40  0400  244  0026  SAN FERNANDOAPARTMTS.URB.SANTA ELENA

40  0400  244  0028  HORMIGONERA INC. PLANT 9.ST.174 KM.4.6
 01  30501101  12710174                    00  19  183.2    58.1                          43               10                      85
                                               PLANT TOTAL                                43

40  0400  244  0030   P.R.CONCRETE IND.KM.15 H.8 RD.2
 01  30500301  1756025                     00  19  177.5    63.3    6125                  41               30                      80
 02  30500301                              00  19  177.5    63.3                                           10                      80
                                               PLANT TOTAL          6125                  41

40  0400  244  0031   TRANSPORTE COOP.DE P.R.CARR 174 K.8.5
 01  30502001  5750132                     00  19  183.1    61.6      27                  46               17                      80
                                               PLANT TOTAL            27                  46

40  0400  244  0032   CAST IRON FOUNDRY.CARR.167.KM.25.7
 01  10200503                              00  19                                                             32      1.7   263       898
                                               PLANT TOTAL

40  0400  244  0033   BELLA VISTA GARDENS.3RD.SECTION COND HD
 01  50200301  6760235                     00  19  184.7    66.4                                             153      2.3   210      6585
                                               PLANT TOTAL

40  0400  244  0034   BELLA VISTA GARDENS.3RD.SECTION.BLDG 2
 01  50200301  6760234                     00  19  184.7    66.4                                             153      2.3   210      6585
                                               PLANT TOTAL

40  0400  244  0035   BELLA VISTA GARDENS.3RD.SECTION BLDG 1
 01  50200301  6760236                     00  19  184.7    66.4                                             153      2.3   210      6585
                                               PLANT TOTAL

40  0400  244  0036   HOSPITAL SAN PABLO.
 01  50200535  7760290                     00  19                                                            105      1.4   800
 02  10200402                                  19
                                               PLANT TOTAL

40  0400  244  0037  GRAVEL CRUSH OF.P.R.URB.IND.MINILLAS BAY
 01  10200403                                  19  180.     60.        1        10                                35      1.4
                                               PLANT TOTAL             1        10

40  0400  244  0038  HILL TOP TOWERS.BO-JUAN SANCHEZ
 01  50200301                              00  19  185.1    60.9                           1                     173      2.3   210      2760
                                               PLANT TOTAL                                 1

40  0400  244  0039  CANTERA SIERRA BAYAMON.CARR.2B SIERRA BA
 01  30502001                              00  19                                         43               17                      80
                                               PLANT TOTAL                                43

40  0400  244  0040  BAYAMON COUSEWAY RESIDENCIAL COMP.
 01  50200301  1740013                     00  19  182.8    62.6       1                   2                     190      2.3   210      2760
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ST  CNTY AQCR PLANT  NAME AND ADDRESS  ..          EPA REGION IV EIS DATA IN AQDA FORMAT                                         PAGE   11

                                                  UTM                  EMISSIONS IN TONS/YEAR              S T A C K    D A T A
        FIRST                       COMMON  UTM COORDINATES        ESTIMATED         ALLOWABLE           PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC       COMMENTS          STACK  ZN  HORIZ  VERT      PART     SO2      PART     SO2        HGT-FT   FEET    FEET    F   RATE-CFM
                                         PLANT TOTAL               1                 2

40  0400  244  0041  FLEMING ENTERPRISES INC. BETANCES # 2
 01  10100603  2720044 LPG(PROPANE)  00  19  188.3   62.5
                                         PLANT TOTAL                                                             9      .2  1150      173

40  0400  244  0044   SANTOS SAND AND GRAVEL.RD.10 K.76.8.H.V
 01  30502001  5766159               00  19  123.8   64.1      50                                    19                    80
                                         PLANT TOTAL           50

40  0400  244  0047  ANGEL ELASTIC CORP BLDG 24 URB LUCHETTI
 01  10200503  COLUMBIA 99705-3      00  19  183.2   64.7       1        8                                      36     1.6   500       18
                                         PLANT TOTAL            1        8

40  0400  244  0051  MASTER CONCRETE CORP.HWY NO.2 K.15.7
 01  30501101                        00  19  178.4   63.6                         16                 13                    70
                                         PLANT TOTAL                              16

40  0400  244  0052  TRANSPORTE COOP.DE P.R.CARR.174 K.8.5
 01  30502501                        00  19  182.4   62.1                          1                 12                    70
                                         PLANT TOTAL                               1

40  0400  244  0053   DISTRIBUIDORA F.G.C.INC.BLDG.60 MINILLA
 01  10200503                        00  19  182.6   60.6                                                   10     1.
                                         PLANT TOTAL

40  0400  244  0055   CARIBE STEEL AND.TUBE CORP.LUCHETTI
 01  30300505  MFG.WIRE POTS.        00  19  183.1   64.5      83                 20                            30             80
                                         PLANT TOTAL           83                 20

40  0400  244  0056   ILOTAS INC.MAIN ST.AND LOMAS VERDE AVE.
 01  10200503                        00  19  183.    61.2                                                   15      .5   450
                                         PLANT TOTAL

40  0400  244  0057  CONCRETO MIXTO NO 2.RD 167 K.24
 01  30501101                        00  19  182.3   63.9                         55                 13                    70
                                         PLANT TOTAL                              55

40  0400  244  0058   CHAM INCORPORADO.CARR.167 KM.15.3
 01  30500999  2760061               00  19  177.4   56.5                                            20
                                         PLANT TOTAL

40  0400  244  0059   GOODYEAR WESTERN HEMISPHERE CORP.H.TEJA
 01  10200502  1756002               00  19  173.8   63.8                                                   10     1.5
                                         PLANT TOTAL

40  0400  244  0060   GRAVERO ANGEL L.MARTINO OLIVERAS
 01  30502001  2760035               00  19                                       29                 15
                                         PLANT TOTAL                              29

40  0400  244  0061   EMPACADORA BAYAMON.URB.IND.CORREA 18
 01  10200503  12740375              00  19  183.1   61.3                                                    7     1.5   300      254
                                         PLANT TOTAL
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ST CNTY ACCT PLANT NAME AND ADDRESS             EPA REGION IV EIS DATA IN A104 FORMAT                              PAGE  12

                                                UTM             EMISSIONS IN TONS/YEAR           S T A C K    D A T A
       FIRST                         COMMON  UTM COORDINATES      ESTIMATED       ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT   SCC      COMMENTS             STACK  ZN  HORIZ  VERT    PART    SO2     PART    SO2     HGT-FT  FEET    FEET   F   RATE-CFM

40 0400 244  0062  READY MIX CONCRETE.RD.861 K.3.1
 01 30501101 5760147                  00  19  179.7   61.4                      60              18                    80
                                          PLANT TOTAL                           60

40 0400 244  0063  TOWN GARDENS INC.CARR.2
 01 50200301 5760155                  00  19  181.1   62.4                                                     2.3   210     2469
                                          PLANT TOTAL

40 0400 244  0064  SOCIEDAD BLOQUES LA TROCHA.RD.167 K.9
 01 30501301 8760257                  00  19  183.1   65.2     683                              17                   175
                                          PLANT TOTAL          683

40 0400 244  0076  HERNANDEZ CLEANERS INC CALLE COMERIO 195
 01 10100501 2730036                  00  19  180.5   61.8                       1                      11      .8             20
                                          PLANT TOTAL                            1

40 0400 244  0077  ONE HOUR MARTINIZAX STA.JUANITA AVE.M 79.
 01 10300503 6720140                  00  19  181.1   59.3
                                          PLANT TOTAL                                                    8      .5   212      136

40 0400 244  0078  PIEDRA BAYAMON INC.  ROAD 871
 01 30502001 6730157                  00  19  177.9   64.5                      58              12                    80
 02 30502002                          00  19  177.9   64.5                      58              10                    80
 03 30502006                          00  19  177.9   64.5                      58              10                    80
 04 30502007                          00  19  177.9   64.5                      46              20                    80
                                          PLANT TOTAL                          220

40 0400 244  0079  SAIGON BAKERY INC. CARR. NO.2 K.14.4
 01 10300503 10720316                 00  19  179.9   62.9
                                          PLANT TOTAL                                                   12     1.3            133

40 0400 244  0083  BAYAMON AGGREGATES,27 ST BLK 33 #24
 01 30502001             QUARRY ROCK  00  19  181.1   64.2      11                              30                    80
 02 30502006 CRUSHED ROCK             00  19  181.1   64.2      18                              30                    80
                                          PLANT TOTAL           29

40 0400 244  0084  PETTERSONS ASPHALT PLANT #3 RD 167 KM 26
 01 30500201 11740150                 00      181.2   63.5       2                                      30     4.2   250    70000
 02 30500202                          00      181.2   63.5     500                              20                    80
                                          PLANT TOTAL          502

40 0400 244  0085  CONCRETO MIXTO #8,CATALINA RDBAYAMON RI
 01 30501101                              19  180.    60.
                                          PLANT TOTAL

40 0400 244  0086  CONCRETO MIXTO #12,RD 167 KM 24.6
 01 30501101                          00  19  181.6   63.6
                                          PLANT TOTAL                                           20                    80

40 0400 244  0088  ALUMINUM EXTRUSION CORP.RD.2 LUCHETTI
 01 10200503 1740021                  00  19  183.3   61.7
                                          PLANT TOTAL                                                   18     1.    150      400
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ST  CNTY AQCR PLANT  NAME AND ADDRESS            EPA REGION IV EIS DATA IN AQDM FORMAT                                              PAGE   13

                                                      UTM                EMISSIONS IN TONS/YEAR              S T A C K    D A T A
          FIRST                          COMMON  UTM COORDINATES       ESTIMATED        ALLOWABLE          PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT     SCC       COMMENTS              STACK  ZN  HORIZ  VERT      PART    SO2      PART     SO2       HGT-FT  FEET     FEET   F    RATE-CFM

40  0400  244   0091  COND VALLE BELLO STA.JUANITA BAYAMON
 01  50200301                            00  19  181.1    58.1                        1                        73     2.    210     2400
                                             PLANT TOTAL                              1

40  0400  244   0092  CONDOMINIO VISTA BELLA,CALLE G.URB.V.B.
 01  50200302                            00  19  181.1    56.5                        1                       140     2.3   210     4102
                                             PLANT TOTAL                              1

40  0400  244   0093  LA CARIDAD QUARRY RD.2 KM.8.4 SANCHEZ W.
 01  30502501   EARTH-MOVEMENT           00  19  184.2    61.                        36               15                    85
                                             PLANT TOTAL                             36

40  0400  244   0097  CARIBBEAN GULF REFINING CO.
 01  30600102   12710058                 10  19  183.9    64.6     27     317                                  70     4.    875     9897
 02  30600102                            10  19  183.9    64.6     27     317                                  70     4.    875     9897
 03  30600102                            10  19  183.9    64.6     27     317                                  70     4.    875     9897
 04  30600102                            10  19  183.9    64.6     27     317                                  70     4.    875     9897
 05  30600102                            10  19  183.9    64.6     27     317                                  70     4.    875     9897
 06  30600102                            10  19  183.9    64.6     27     317                                  70     4.    875     9897
 07  30600102                            10  19  183.9    64.6     27     317                                  70     4.    875     9897
 08  30600102                            10  19  183.9    64.6     27     317                                  70     4.    875     9897
 09  30600602   CRUDE & VAC.UNITS        10  19  183.9    64.6                                                 70     4.    875     9897
 10  30699999   GULFINER UNIT            10  19  183.9    64.6                                                 70     4.    875      320
 11  30600102                            16  19  183.9    64.6      1                                         100     7.7   700    23734
 12  30600102                            16  19  183.9    64.6      1                                         100     7.7   700    23734
 13  30600102                            16  19  183.9    64.6      1                                         100     7.7   700    23734
 14  30600102                            16  19  183.9    64.6      1                                         100     7.7   700    23724
 15  30600102                            16  19  183.9    64.6      1                                         100     7.7   700    23724
 16  30601301   REFORMER                 16  19  183.9    64.6                                                100     7.7   700    23724
 17  10200701                            19  19  183.9    64.6     73     751                                  50     3.5   600     3849
 18  10200701                            19  19  183.9    64.6     73     751                                  50     1.5   600     3849
 19  10200701                            19  19  183.9    64.6     73     751                                  50     3.5   600     3849
 20  10200702                            21  19  183.9    64.6     15     152                                 150     8.5   650    36752
 21  30600201   FCC UNIT                 21  19  183.9    64.6    284     145                                 150     8.5   650    36752
                                             PLANT TOTAL          739    5006

40  0400  244   0096  PR ASPHALT PLANT # 3 RD 174 KM 5
 01  30500201                            00  19  181.2    57.9                                                 31     3.2   150    35000
 02  10200503                            00  19  181.2    57.9              1                                  35     1.1   350      492
 03  30500202                            00  19  181.2    57.9    195                               20                      80
                                             PLANT TOTAL          195       1

40  0400  244   0095  BAYAMON CONCRETE IND. INC. RD.2 KM 14.3
 01  30501199   3720245 BLOCK MFG.       00  19  179.3    63.2                       12                 20                  80
 02  30501199   DRYER RAW MAT            00  19  179.3    63.2                                                 23     1.    685     1367
 03  30501120   STOCK PILES              00  19  179.3    63.2      3                                   25                  80
                                             PLANT TOTAL            3                12

40  0400  244   0106  COND.BAYAMONTE CARR 831 KM 2.1
 01  50200301   275-0052                 00  19  182.7    60.2                        1                       165     1.3   210      120
 02  50200301                            00  19  182.7    60.2                        1                        15     1.3   210      120
                                             PLANT TOTAL                              2
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ST  CNTY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQDM FORMAT                                                PAGE   14

                                                UTM           EMISSIONS IN TONS/YEAR
         FIRST                         COMMON  UTM COORDINATES     ESTIMATED         ALLOWABLE              S T A C K    D A T A
POINT    SCC        COMMENTS            STACK  ZN  HORIZ  VERT    PART     SO2       PART      SO2      PLUME  HEIGHT    DIAM  TEMP    FLOW
                                              COUNTY TOTAL                                            HGT-FT   FEET     FEET   F    RATE-CFM
                                                                   3635      5205      2318

40  0440  244  0001  SANPI ASPHALT INC.CARR.103 KM.3.6
 01  30502511  4720240                  00  19   73.3    31.3     105                 53         20                        80
                                              PLANT TOTAL         105                 53

40  0440  244  0004  BOQUERON MFG.CORP.PUERTO REAL RD.KM.09
 01  10200403  3720121                  00  19   74.6    27.7       1        15        2                   18       1.7   500     2903
 02  10200403                           00  19   74.6    27.7       1        15        3                   18       2.    510     2903
                                              PLANT TOTAL           2        30        5

40  0440  244  0011  LA BAKERY CALLE NESTLE ESQ.RIO CABO ROJO
 01  10300503  5730126                  00  19   77.9    28.4                1         1
                                              PLANT TOTAL                    1         1                  25       1.6   325       85

40  0440  244  0012  INTERNATIONAL HOSIERY CORP.CALLE FOMENTO
 01  10200402                           00  19   76.8    28.5                          8
                                              PLANT TOTAL                              8                   9       1.5   350     3630

40  0440  244  0013  CANTERA BRAVO CABO ROJO  00622
 01  30502001           LIMESTO CRUSH   00  19   76.5    23.9      13                            30                        80
 02  30502002  SECOND LIMESTO CRUSH     00  19   76.5    23.9      19                            30                        80
 03  30502003  TERTIA LIMESTO CRUSH     00  19   76.5    23.9      51                            30                        80
                                              PLANT TOTAL          83

40  0440  244  0014  HORMIGONERA MAYAGUEZANA CAR 303 KM 3 H.O
 01  30501101  5720169                  00  19   74.2    27.6                         56         13                        80
                                              PLANT TOTAL                             56

40  0440  244  0015  LAUNDRY NNGS.SEDA.BRAU ST.
 01  10300503  LAUNDRY.2750325          00  19   76.4    28.3
                                              PLANT TOTAL                                                 22        .7

40  0440  244  0017  OLIVAS STEAM LAUNDRY.BARBOSA NO.33.
 01  10200503  5760075                  00  19   76.5    28.5
                                              PLANT TOTAL                                                 50        .8   350       43

40  0440  244  0018  TORREFACCION CAFE EL PILON.CARR 307 K.5
 01  30200201  2750671                  00  19  176.2    27.3
                                              PLANT TOTAL                                        18       15       2.

40  0440  244  0020  CABO ROJO PROCESSING INC.CARR.103 K.6
 01  10200503  4750112                  00  19
                                              PLANT TOTAL                                                 15       1.

40  0440  244  0029  GEORGES KOFRESI  MAYAGUEZ
 01  30501120  0720247                  00  19   77.2    28.3                          9         10                        80
                                              PLANT TOTAL                              9
                                              COUNTY TOTAL        190        31      132

40  0460  244  0001  CANTERA CLUB GALLISTICO  CAGUAS
 01  30532001  1740012                  00  19  185.5    45.6      42                 51         30                        80
                                              PLANT TOTAL          42                 51
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                                               EPA REGION IV EIS DATA IN AQDI FORMAT                                  PAGE  15
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                   UTM            EMISSIONS IN TONS/YEAR          S T A C K   D A T A
        FIRST                         COMMON  UTM COORDINATES    ESTIMATED       ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT    SCC       COMMENTS           STACK  ZN  HORIZ  VERT    PART    SO2     PART    SO2     HGT-FT   FEET   FEET    F   RATE-CFM

40  0480  244  0003  FEXACH AGGREGATES INC.ROAD 156 KM.55.9
 01  30500201  12710107               00  19  190.1   46.2     695              42              15                      85
                                        PLANT TOTAL            695              42

40  0480  244  0005  DAVID CABRERA INC CARR 183 KM 1.4
 01  30502001                         00  19  192.8   42.      13                              30                      80
 02  30502002                         00  19  192.8   42.      38                              30                      80
 03  30502006                         00  19  192.8   42.      51                              30                      80
                                        PLANT TOTAL            102

40  0480  244  0009  CARRIDO AND COMP INC.CALLE BETANCE 105
 01  30200201                         00  19  194.3   44.7                       3                       38    1.2   800    2069
 02  30200201                         00  19  194.3   44.7                                               38    1.2   800
 03  30200201  SPALL PLASTER          00  19  194.3   44.7                                               38    1.2   800
 04  30200203                         00  19  194.3   44.7
 05  30200203                         00  19  194.3   44.7
                                        PLANT TOTAL                              3

40  0480  244  0013  PANADERIA LA CAGUENA VIZCARRONDO NO.61
 01  10300503                         00  19  194.5   44.5              1                            25     2.    290      76
                                        PLANT TOTAL                     1

40  0480  244  0014  PANADERIA LA VENCEDORA.CALLE VIZCARRONDO
 01  10300403  10730275               00  19   94.5   44.5              1                            16    1.6    290      40
                                        PLANT TOTAL                     1

40  0480  244  0016  PANADERIA LA ASTURIANA  GOYCO NO.58
 01  10200401  12730547               00  19  194.8   44.8              4       1                    50     2.    250     120
                                        PLANT TOTAL                     4       1

40  0480  244  0018  CONSOLIDATED CIGAR CORP-ROAD 1
 01  10200503  12710192 CIGAR MFG     00  19  191.6   39.4              1                            25     .8    375     257
                                        PLANT TOTAL                     1

40  0480  244  0032  CONSTRUCTORA SAN MIGUEL & MARTINEZ INC
 01  30502001  11720321               00  19  197.    44.8     26               16              20                      77
                                        PLANT TOTAL            26               16

40  0480  244  0033  SAVOY BAKERY.TURABO GARDENS
 01  10300503  BAKERY                 00  19  193.3   42.9              1       1                    35     1.    350     613
                                        PLANT TOTAL                     1       1

40  0480  244  0034  HACELO CAGUAS INC. KM. 32 STATE ROAD 1
 01  10300402                         00  19  194.4   47.1     2        27      3                    26    1.7    440    4083
 02  10300403                         00  19  194.4   47.1                      2                    23     2.    350    3402
                                        PLANT TOTAL            2        27      5

40  0480  244  0035  SEARLE AND CO. GURABO RD.
 01  10200403                         00  19  192.8   42.      7        21                           28     2.    350    2187
 02  10200403                         00  19  192.8   42.      7        21                           28     2.    350    2187
 03  10200401  SPACE BOILER           00  19  192.8   42.      7        21                           28     2.    350    2187
 04  10200403  SPACE BOILER           00  19  192.8   42.      1        18                           28     2.    350    2187
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ST  CNTY AQCR PLANT  NAME AND ADDRESS            EPA REGION IV EIS DATA IN AQDM FORMAT                                    PAGE   16

                                                       UTM              EMISSIONS IN TONS/YEAR            S T A C K    D A T A
       FIRST                           COMMON  UTM  COORDINATES      ESTIMATED          ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC         COMMENTS           STACK   ZN   HORIZ   VERT     PART     SO2       PART     SO2    HGT-FT  FEET    FEET   F    RATE-CFM
 05   50300101                          00     19                                                            40      5.   1200    50788
 06   30199999    CHEMICAL MFG (PHARM)  00     19                                                     40                   100
                                          PLANT TOTAL                 22       81

40  0480  244   0036  TURABO READY MIX RD.CAGUAS TO CAYEY
 01   30501101                          00   19  192.7    41.          3                 42           30                    85
                                          PLANT TOTAL                  3                 42

40  0480  244   0037  HURMIGONERA DE P.R. INC
 01   30501101    12710175              00   19  190.6    48.3                           64           30                    85
                                          PLANT TOTAL                                    64

40  0480  244   0050  READY MIX CONCRETE.PLANT NO.10 RD.796
 01   30501101                          00   19  196.3    46.1                           45           13
                                          PLANT TOTAL                                    45

40  0480  244   0051  CONCRETE BATCHING PLANT NO 4.CARR 156
 01   30501101                          00   19  190.     46.1         3                 40           13                    70
                                          PLANT TOTAL                  3                 40

40  0480  244   0052  P.R.AGGREGATES CO.CARR.796 K.30 H.9 BOA
 01   30502001    10740338              00   19  195.7    47.6         6                 43           13                    80
 02   10200503                          00   19  195.7    47.6
                                          PLANT TOTAL                  6                 43

40  0480  244   0053  CANTERAS DE P.R.CARR.1 KM.23.6 R.P.
 01   30502001    11710009              00   19  188.8    53.1        17                 42           20                    80
                                          PLANT TOTAL                 17                 42

40  0480  244   0054  GARRIDO AND.CO.INC.BETANCE 105
 01   30200201    6760171               00   19  194.1    44.3        11                                      30     1.2   270      100
                                          PLANT TOTAL                 11

40  0480  244   0055  CARMELA PACKING.CENTRO IND.CARTAGENA N.
 01   10200403    7760294               00   19  194.3    46.9                                                30      .8
                                          PLANT TOTAL

40  0480  244   0056  BORICUA TERRAZO CORP.RD.1 K.28.3
 01   30500801    3720100               00   19  195.1    43.4        20                              19                   175
                                          PLANT TOTAL                 20

40  0480  244   0057  HORMIGONERA PR.INC.PLANT 4 CAR.156 K55.
 01   30501101    9760390               00   19  193.5    44.6         3                              20                    80
                                          PLANT TOTAL                  3

40  0480  244   0058  BEST TIRE RECAP CORP.KM32 H8 R-1 BO BAIR
 01   10200403                          00   19  193.4    45.8                  3                             14     1.    350       25
 02   30102620                          00   19  193.4    45.8                                                16     8.     85
                                          PLANT TOTAL                           3

40  0480  244   0060  CAGUAS TOWER COND.URB.BONEVILLE.
 01   50200301    11730335              00   19  193.6    44.2         5                                     216     2.3   210     4938
                                          PLANT TOTAL                  5
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ST  CNTY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQ14 FORMAT                                                      PAGE   17

                                                          UTM
         FIRST                               COMMON   UTM COORDINATES         EMISSIONS IN TONS/YEAR                 S T A C K    D A T A
POINT    SCC      COMMENTS                   STACK   ZN   HORIZ   VERT     ESTIMATED          ALLOWABLE          PLUME  HEIGHT    DIAM  TEMP    FLOW
                                                                           PART     SO2       PART     SO2       HGT-FT  FEET     FEET    F    RATE-CFM
                                                 COUNTY TOTAL               957       119       395

40  0500  244  0003  P.R.DISTILLERS INC. CAMUY
 01   10200403  PAR MFG.                      00  19  108.6     72.5                          52                        40      4.3   500      750
 02   10200403  RUM MFG.                      00  19  108.6     72.5                          16                       100      4.3   500      750
 03   10200503  ROA HAT                       00  19  108.6     72.5                           1                        35      1.    500      179
                                                 PLANT TOTAL                                  69

40  0500  244  0012  CONTINENTAL HANDKERCHIEF CO.P.O.BOX 488
 01   10200501  LOW PRESSURE STEAM B  00  19  108.2     71.3                                                            16       .7   560
                                                 PLANT TOTAL
                                                 COUNTY TOTAL                                 69

40  0540  244  0001  P.R.ASPHALT #1 RD# 887 K4 0.4
 01   30500201              DRYER             00  19  201.8     60.7      114        35      2448      18               40      6.    125    41000
 02   10200503  OIL HEATER                    00  19  201.8     60.7                  1                                 35      1.2   350      525
 03   30500202  STOCK PILLS                   00  19  201.8     60.7      195                                    20
                                                 PLANT TOTAL               309        36      2448      18                              80

40  0540  244  0003  COLUMBIAN CARBON CF PR CERAMICA IND PARK
 01   30102005  13730291                      00  19  202.3     60.7                           1                  0
                                                 PLANT TOTAL                                   1                                        80

40  0540  244  0004  LION LAB.PHARMAC.SABANA ABAJO INDL.PARK
 01   10200403  3720102                       00  19  200.1     64.3                  5        2                        20      2.2   320      842
                                                 PLANT TOTAL                          5        2

40  0540  244  0005  AG SERV ADMIN AG LIMEST PLT SAN ISIDRO
 01   30501601              LIMEST CRUSH      00  19  209.8     63.1       93                                    30
                                                 PLANT TOTAL                93                                                          80

40  0540  244  0008  HNOS.PASTRANA SAND AND GRAVEL.CARR 858 K
 01   30502001
                                              00  19  202.      64.1        9                                    20
                                                 PLANT TOTAL                 9                                                          80

40  0540  244  0010 -ELECTRIC CONDUCTORS INC KM. 9.4 STATE R
 01   39999999  5720156
                                              00  19  201.4     60.8        1                                               26       .5   400      216
 02   39999999                                00  19  201.4     60.8                           2                        21       .5    87      192
                                                 PLANT TOTAL                 1                 2

40  0540  244  0011  SAN ANTON BAXTER REALTY  ROUTE 848
 01   10200403  3720112                       00  19  200.3     61.6        1        15        1
 02   10200403                                00  19  200.3     61.6        1        15        1                        37      1.    370      929
                                                 PLANT TOTAL                 2        30        2                        37      1.    421      886

40  0540  244  0012  FLAGSHIP AMERICANA OF SAN JUAN I. VERDE
 01   10300403  12730346                      00  19  194.4     68.3                           4                       144      5.1   470     1316
 02   10300403                                00  19  194.4     68.3                           4                       144      5.3   500     1045
                                                 PLANT TOTAL                                   8

40  0540  244  0015  READY MIX CONCRETE INC.PLAN 1
 01   30501101
                                              00  19  199.8     65.4       30                                    20
                                                 PLANT TOTAL                30                                                          60
                                                 EPA REGION IV EIS DATA IN AQDM FORMAT                                        PAGE   18
ST   CNTY AQCR PLANT  NAME AND ADDRESS

                                                      UTM                 EMISSIONS IN TONS/YEAR            S T A C K     D A T A
       FIRST                          COMMON  UTM COORDINATES        ESTIMATED          ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC      COMMENTS             STACK  ZN  HORIZ  VERT      PART     SO2       PART     SO2      HGT-FT  FEET    FEET    F   RATE-CFM

40  0540  244  0016  CAFE INSTANTE DE P.R. URB. IND.CARR 25
 01  30203233  10730266               00  19  199.     65.7                                                   6      .8   200     2650
 02  30200201                         00  19  199.     65.7                                                   5     1.    600     2650
                                       PLANT TOTAL

40  0540  244  0018  CONCRETO MIXTO #6,PR#3 KM 11.7
 01  30501101             CONCRETE    00  19  201.9    61.7                                          20                    80
                                       PLANT TOTAL

40  0540  244  0022  MODERN RATTAN FURNITURE.INC.65 DE INF.
 01  40200101  1720002                00  19  196.5    62.7                           2                      15     1.6    80     5600
                                       PLANT TOTAL                                    2

40  0540  244  0024  LOCK JOINT PIPE CO. KM.6 STATE RD.887
 01  30501199  5740131 PIPE MFG.      00  19  201.5    60.9        1                 15               10                    80
                                       PLANT TOTAL                 1                 15

40  0540  244  0027  KELLEC CORPORATION HWY 3 KM.14 CAROLINA
 01  30501101  1720018                00  19  205.9    60.5                          46               10                    85
                                       PLANT TOTAL                                   46

40  0540  244  0029  P.R.AGGREGATES COMP.BO.BARRAZAS KM 2.5
 01  30501101  12710094               00  19  204.     54.3                          10               15                    85
 02  10200503  8 MOTOR MODEL GM=V=7       19  203.3    59.6
 03  10200503  8 MOTOR MODEL GM=V=7       19  203.3    59.6
 04  10200503  8 MOTOR MODEL GM=V=7       19  203.3    59.6                               9999999
 05  10200503  8 MOTOR MODEL GM 6=V       19  203.6    59.6
 06  10200503  8 MOTOR MODEL GM 8=V       19  203.3    59.6
 07  10200503                             19  243.1    59.6
 08  10200503  8 MOTOR MODEL GM=V=7       19  263.3    59.6
 09  10200503  8 MOTOR MODEL GM=V=7       19
 10  30502001  ROCK CRUSHING          04  19  201.3    59.6      273                 79               18                    80
                                       PLANT TOTAL               273                 89

40  0540  244  0030  READY MIX CONCRETE INC. KM 9.1 RD.190
 01  30501101  1720032                00  19  199.8    64.8                          67               30                    85
                                       PLANT TOTAL                                   67

40  0540  244  0035  GIRASOL COND.RD 187 ISLA VERDE
 01  50200301  2720048                00  19  196.7    68.8                           1                     135     2.3   218     3032
                                       PLANT TOTAL                                    1

40  0540  244  0037  TENNIS COURT COND.BO.CANGREJO ARRIBA I-V
 01  50200301  5720174                00  19  197.     67.5                           1                     130     2.6   216     3120
                                       PLANT TOTAL                                    1

40  0540  244  0033  CORP.VIVIENDAS TORRES DE CAROLINA.ST 26
 01  50200301  5720096 GOVERNMENT AP  00  19  197.5    65.2                           1                       8     1.8    60     3280
                                       PLANT TOTAL                                    1

40  0540  244  0035  AMAPOLA 14 COND. AMAPOLA ST. ISLA VERDE.
 01  50200301  2730029                00  19  196.5    67.9                           1                     130     2.6   210     1511
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                                                    UTM                  EMISSIONS IN TONS/YEAR                    S T A C K   D A T A
        FIRST                              CONTROL  UTM COORDINATES       ESTIMATED          ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC      COMMENTS                 STACK  ZN  HORIZ  VERT      PART      SO2      PART     SO2      HGT-FT   FEET    FEET   F    RATE-CFM
                                                 PLANT TOTAL                                    1

40  0540  244  0040  COND.LOS PINOS.WEST BLDG.RD.187.I.VERDE
 01  50200301  3730062                 00  19  196.5    67.8                                   1                       22     2.3   210      4081
                                              PLANT TOTAL                                      1

40  0540  244  0041  GREEN COURT COND.RD.187 I.V.
 01  50200301  3730061                 00  19  196.9    67.7                                   1                      149     2.6   218      4021
                                              PLANT TOTAL                                      1

40  0540  244  0042  COSTA LINDA II LOIZA ST.RD.187 KM.2.1 IV
 01  50200301  3730059                 00  19  196.6    67.8                                   1                      177     2.6   218      1511
                                              PLANT TOTAL                                      1

40  0540  244  0043  COND.JOSE ALGERIO SANTOS.IRIS ST. I.V.
 01  50200301  10730269                00  19  196.4    67.8                                   1                       83     2.    210      1511
                                              PLANT TOTAL                                      1

40  0540  244  0044  LAGUNA GARDENS VI.LAGUNA GARDEN I.V.
 01  50200301  9720107                 00  19  196.5    66.5                                   1                      140     2.6   220      4187
                                              PLANT TOTAL                                      1

40  0540  244  0045  CONDOMINIO TAFT #165 CALLE TAFT # 165
 01  50200301  7730202                 00  19  191.7    68.8                                   1                       71     1.8   208      1511
                                              PLANT TOTAL                                      1

40  0540  244  0046  MARBELLA DEL CARIBE COND.CARR.187  I.V.
 01  50200301                          00  19  195.6    67.8                                   2                       88     2.6   220      2872
                                              PLANT TOTAL                                      2

40  0540  244  0047  MAR DE ISLA VERDE.RD 187 KM.2 H.I-
 01  50200301  12730351                00  19  196.6    67.8                                   1                      127     2.6   218      1511
                                              PLANT TOTAL                                      1

40  0540  244  0049  ST TROPEZ APARTMENTS  KM1 H3 CAR 187 CAR
 01  50200301  12710191                00  19  194.2    67.9                                   1                      137     2.1   220      2116
                                              PLANT TOTAL                                      1

40  0540  244  0050  COND.MAR DE ISLA VERDE.RD.187 K.2H1
 01  50200301  10720317                00  19  194.9    68.                                    1                       17     2.6   218      1511
                                              PLANT TCTAL                                      1

40  0540  244  0051  NEW SAN JUAN COND.CARR ISLA VERDE
 01  50200301  8720254                 00  19  196.5    67.7                                   1                      132     2.6   210      2449
                                              PLANT TOTAL                                      1

40  0540  244  0052  COND.MARBELLA
 01  50200301  8720247                 00  19  196.6    67.8                                   1                      160     2.1   210      1511
                                              PLANT TOTAL                                      1

40  0540  244  0054  EL CASALS COND.CARR.187 37 ISLA VERDE
 01  50200301  7720110                 00  19  194.4    68.2                                   1                      177     2.6   218      2267
                                              PLANT TOTAL                                      1
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                                                      EPA REGION IV EIS DATA IN AQDM FORMAT                                      PAGE   20
ST  CITY AQCR PLANT  NAME AND ADDRESS

                                                  UTM                  EMISSIONS IN TONS/YEAR           S T A C K    D A T A
        FIRST                          CONTROL  UTM COORDINATES     ESTIMATED        ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC      COMMENTS             STACK  ZN  HORIZ  VERT     PART    SO2      PART    SO2      HGT-FT  FEET     FEET   F    RATE-CFM

40  0540  244  0055  COND.CONDADO
 01  50201301  6720186              00  19  196.5    66.4                       1                       122      2.6   216      3080
                                       PLANT TOTAL                             1

40  0540  244  0056  REINA DEL MAR COND.CALLE GARDENIA I.V.
 01  50200101  6720163              00  19  197.5    67.9                       1                         8      2.6   216      1511
                                       PLANT TOTAL                             1

40  0540  244  0057  CARIBBEAN BEACH CLUB.INC.CAR 187 I.V.
 01  50200101  6720159              00  19  196.7    67.9                       1                       135      2.6   210      4384
                                       PLANT TOTAL                             1

40  0540  244  0058  CORP.DE VIVIENDAS ROLLING HILLS-MEXICO
 01  50200301  2720650              00  19  200.3    60.7       5               2                       116      2.    218      4384
                                       PLANT TOTAL            5               2

40  0540  244  0060  SAN JUAN BEACH APARTMENTS ST. RD 187
 01  50200301  9720305              00  19  196.1    67.7                       1                       145      2.6   220      2872
                                       PLANT TOTAL                             1

40  0540  244  0061  LAGUNA GARDENS V COND ISLA VERDE
 01  50200301  9720306              00  19  196.6    66.1                       1                       118      2.6   220      9233
                                       PLANT TOTAL                             1

40  0540  244  0067  LOIZA AGRICULTURA LIME POTION.RD 188
 01  30501601  CONDITIONED AUTH.    00  19  209.7    63.6     310              16              30                     85
                                       PLANT TOTAL          310              16

40  0540  244  0070  [illegible] DIAGNOSTIC OF P.R.65 INF.KM.9.7
 01  10200502                       00  19  201.2    61.3                                                40      2.2   450      3194
                                       PLANT TOTAL

40  0540  244  0071  ANTILLAS RECORDS OF P.R.CAR.185 KM.185
 01  10200402                       00  19  210.8    59.7       1      12                                20      1.    450       177
 02  10200402                       00  19  210.8    59.7                                                12      1.    500       140
                                       PLANT TOTAL            1      12

40  0540  244  0072  COND.WALDORF TOWER.CARR 187 I.VERDE
 01  50200101                       00  19  195.6    67.8              1
                                       PLANT TOTAL                   1

40  0540  244  0073  LAGUNA GARDENS II.ISLA VERDE
 01  50200301                       00  19  196.7    66.4                                               108
                                       PLANT TOTAL

40  0540  244  0076  COND.TORRES DE LAS SABANAS.A.CAMPO RICO
 01  50200301                       00  19  197.6    63.2                                                 5      2.2    90      2201
                                       PLANT TOTAL

40  0540  244  0077  SAN ANTONIO APTS.CALLE MODESTA BO.S.ANT
 01  50200302                       00  19  198.9    62.6
                                       PLANT TOTAL
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                                               UTM                 EMISSIONS IN TONS/YEAR              S T A C K    D A T A
         FIRST                        COMMON  UTM COORDINATES     ESTIMATED       ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS            STACK  ZN  HORIZ  VERT    PART    SO2     PART     SO2     HGT-FT  FEET     FEET   F    RATE-CFM

40  0540  244  0078   JULIAN IRON WORKS.CALLE MADRID A.417 IN
 01  30999999  IRON WORKS.0750235     00  19  201.7   60.7                                       10                     85
                                        PLANT TOTAL

40  0540  244  0079   GENERAL CHEMICALS & COSMETICS INC.
 01  10200503  1750612                00  19
                                        PLANT TOTAL                                                      34      .5    350

40  0540  244  0080   COND.LUCERNA.PONTEZUELA AVE.AD MAIN ST.
 01  50200301  10750337                   19  193.4   62.7
                                        PLANT TOTAL

40  0540  244  0081   TRAVENOL LAB.INC.RD.848 Y 887.SAN ANTON
 01  10200402  370112                 02  19  199.8   62.3                                               25      2.7   323    2939
 02  10200402  3720112                02  19  199.8   62.3                                               25      2.7   323    2939
 03  10200401                         00  19  199.8   62.3                                               12      1.
 04  10200401                         00  19  199.8   62.3                                               12      1.
                                        PLANT TOTAL

40  0540  244  0082   HOLIDAY INN.HOTEL.ISLA VERDE
 01  10300403  1750010                00  19  196.4   67.4             2                                 30      .8    400   11470
                                        PLANT TOTAL                    2

40  0540  244  0083   MARXUACH CONST.CO.BO.MARTIN GONZALEZ
 01  10200403  11750347               00  19  200.1   61.4
                                        PLANT TOTAL                                                      20      1.

40  0540  244  0085   ALUMINUM EXTRUSION CORP.RD.185 K.65
 01  10200503  6760194                00  19  208.4   59.8                                               50      1.    300     821
 02  30300199  HEAT TREATING.         00  19  208.4   59.8                                       20                     80
 03  30300199  BURNG-OVEN             00  19  208.4   59.8                                       20                     80
 04  10200503                         00  19  208.4   59.8                                               30     14.3  1000
 05  30300199                         00  19  208.4   59.8                                       20                     80
 06  10200503                         00  19  208.4   59.8                                               35     20.3   800
 07  10200503                         00  19  208.4   59.8                                               25      1.
                                        PLANT TOTAL

40  0540  244  0087   COND.LOS PINOS.EAST BLDG.CARR.187
 01  50200301                         00  19  196.5   67.8
                                        PLANT TOTAL                                                     130      2.3   210    6348

40  0540  244  0088   ROYAL NOBELLS INC.CARR.848 K.1.7
 01  30700701  12710188               00  19  198.8   60.9
                                        PLANT TOTAL                                              15                    175

40  0540  244  0089   ANTILLAS RECORD OF.P.R.RD.185 K.185.F
 01  10200403  9760364                02  19  208.7   59.7     1      12                                 20      1.    450    1229
 02  10200403  9760364                02  19  208.7   59.7     1      12                                 12      1.    500    1296
                                        PLANT TOTAL            2      24

40  0540  244  0090   AJA ASFALT PLANT.CARR.185 K 4 H 2
 01  30500201  11760463               00  19  208.7   59.6                                               36      6.    150
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ST  CITY AQCR PLANT  NAME AND ADDRESS         EPA REGION IV EIS DATA IN AQDM FORMAT                                      PAGE   22

                                                     UTM               EMISSIONS IN TONS/YEAR               S T A C K   D A T A
         FIRST                               COMMON  UTM COORDINATES     ESTIMATED         ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP    FLOW
POINT    SCC      CONTROLS                    STACK  ZN  HORIZ  VERT    PART    SO2      PART    SO2     HGT-FT   FEET   FEET    F   RATE-CFM
                                                  PLANT TOTAL

40  0540  244  0051  LOIZA AGRICULTURAL LIME.RD.188 K.2.4
 01  30502001  11760483                              19  210.4  63.6      4
                                                  PLANT TOTAL             4

40  0540  244  0092  COND.LAGUNA GARDENS NO.3 ISLA VERDE.CARO
 01  50200101                                  00    19  198.   67.4                                               90    2.2    90      3704
                                                  PLANT TOTAL

40  0540  244  0094  HOME FOR THE ELDERLY STB JARD.C.CLUB CAR
 01  50100101  INCINERATION                    00    19  187.4  66.8                                              105    2.3   210      3457
                                                  PLANT TOTAL

40  0540  244  0097  GAS ESPINO ROAD 3.K13.5 CAROLINA
 01  39900699                                  00    19  195.8  62.6                                       15
                                                  PLANT TOTAL

40  0540  244  0098  HIRALDO SANDE GRAVEL K 11.6 R 3 CAROLINA
 01  30502501                                  00    19  198.4  62.8                                       15
                                                  PLANT TOTAL

40  0540  244  0101  MIAMI RIVET OF P.R. INC.SABANA IND.DEVEP
 01  10200503  1720020                         00    19  200.   64.3                       1                       12     .1   475        51
                                                  PLANT TOTAL                            1

40  0540  244  0104  READY MIX CONCRETE INC. PLANT 6
 01  30501101  1720027                         00    19  190.2  65.9                      19               30                   80
                                                  PLANT TOTAL                           19

40  0540  244  0107  CARIBE WOOD INDUSTRIES INC AVE ITURREGUI
 01  36799999  11720339-PALLETS MFG            00    19  199.2  63.6                                       14                   80
                                                  PLANT TOTAL

40  0540  244  0108  SCHNEE'S SWISS SPECIALTIES URB.VISTAMAR
 01  30201301  9720304                         00    19  203.5  66.2                       3      3                16     .8   140       393
                                                  PLANT TOTAL                            3      3

40  0540  244  0109  FORD MOTOR CO.  CARIBBEAN INC KM 19.5
 01  10300503  11730330                        00    19  212.6  60.7      1      5         1                       10     1.   425       387
 02  10300503                                  00    19  210.5  60.3      1      5         1                       10     1.   425       387
                                                  PLANT TOTAL             2     10         2

40  0540  244  0110  ANTILLES BREWING CO. AVE 65 INF. KM.12.5
 01  10200402  12710071                        00    19  204.4  60.4                       5                       30    2.5   480      7365
                                                  PLANT TOTAL                            5

40  0540  244  0111  PEPSI-COLA MFG.CO-KM.13. RD.3 CAROLINA
 01  10200503  12710108                        00    19  204.8  60.4             1                                 19     1.   300       379
                                                  PLANT TOTAL                    1

40  0540  244  0113  ENLATADORA DE PUERTO RICO BO.M.GONZALEZ
 01  10200503  12710065                        00    19  200.9  60.7             2         1                       30     .7   300       492
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ST  CNTY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN A104 FORMAT                                              PAGE   23

                                                   UTM              EMISSIONS IN TONS/YEAR               S T A C K    D A T A
       FIRST                             COMMON  UTM COORDINATES    ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC       COMMENTS                STACK  ZN  HORIZ  VERT    PART     SO2     PART     SO2     HGT-FT  FEET    FEET   F    RATE-CFM
                                              PLANT TOTAL                      2        1

40  0540  244  0114  CORAL BEACH COND.CAR.187 ESQ.BOULEVARD
 01  50200301  1273/0349          00  19  196.5    67.8                          1                    187     2.6   220     3749
                                      PLANT TOTAL                                1

40  0540  244  0115  CLUB COSTA MARINA COND.CALLE GALICIA
 01  50200301                     00  19  201.2    62.2                          1                    103     2.5   210     3008
                                      PLANT TOTAL                                1

40  0540  244  0116  HOLIDAY INN HOTEL ISLA VERDE
 01  10300503                     00  19  197.4    67.8                  1       2                     30      .8   400      436
                                      PLANT TOTAL                        1       2

40  0540  244  0117  HORMIGONERA INC INTERSECCION CARR3 & 188
 01  30501101                     00  19  210.2    60.8                         48             30                    85
                                      PLANT TOTAL                               48

40  0540  244  0120  ELI LILLY & CO INC 65 INFANTRY CAROLINA
 01  10200502          TRAUS BOILER   03  19  204.5    60.6      1      24                             37     1.7   450     3918
 02  10200502  SPARE BOILER           03  19  204.5    60.6      1      24                             37     1.7   450     3918
 03  10200502  SPARE BOILER           03  19  204.5    60.6      1      24                             37     1.7   450     3918
 04  20100101          EMER PWR ONLY  00  19  204.5    60.6                                            31     4.    650     6468
 05  39999999          CAPSULE FILL   00  19  204.5    60.6                                            30     2.     70     4600
 06  39999999          TABLET MFG     00  19  204.5    60.6                                            30     1.5    70     1000
                                      PLANT TOTAL                3      72

40  0540  244  0121  EL MORRO DRY CLEANING CAMPO RICO AVE.
 01  10300503                     00  19  197.3    63.3                          1                     10      .5    90      762
 02  40100101                     00  19  197.3    63.3                                        20                    60
                                      PLANT TOTAL                                1

40  0540  244  0122  LOS CACIQUES MULTIFAMILY COMPLEX BLDG C
 01  50200101                     00  19  203.5    59.3                          2                     18     2.3   210     2400
 02  50200101                     00  19  203.5    59.3                          2                     18     2.3   210     2400
 03  50200101                     00  19  203.5    59.3                          2                     18     2.3   210     2400
                                      PLANT TOTAL                                6

40  0540  244  0123  LA MARINA NORTE BO.S.ABAJO CAROLINA
 01  30502001                     00  19  197.     66.                                           15
                                      PLANT TOTAL

40  0540  244  0124
 01  30502006                     00  19  210.9    60.8                                           15
                                      PLANT TOTAL
                                      COUNTY TOTAL            1045     196     2013      21

40  0540  244  0001  INDUSTRIAL SIDERURGICA INC CAR 869 KM1.5
 01  30400704          REHEAT FURN    00  19  182.7    64.5             94                             35     4.5  1800    25500
 02  30400704  REHEAT FURNACE         00  19  1 2.7    64.5                                            75     5.   1800    43600
 03  30400701  2 FURNACES             00  19  182.7    64.5     29                                     42     2.8   250    60000
                                      PLANT TOTAL               29      94

40  0540  244  0004  EMPACADORA DEL CARIBE INC.ZONA IND.
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                                                 UTM               EMISSIONS IN TONS/YEAR                  S T A C K    D A T A
        FIRST                        COMMON  UTM COORDINATES      ESTIMATED        ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC       COMMENTS          STACK  ZN  HORIZ  VERT     PART    SO2      PART    SO2      HGT-FT   FEET   FEET , F   RATE-CFM
 01  10200403                         00   19  185.7   67.6       3      36                                  48     1.8   400      2601
                                         PLANT TOTAL              3      36

40  0580  244  0005  CONCRETO MIXTO INC.BUCHANAN CATANO RD
 01   30501101  1720014               00   19  186.4   64.7                       17              12                       80
                                         PLANT TOTAL                              17

40  0580  244  0007  INDUSTRIAL SIDERURGICA INC. BO.PALMAS
 01   30400701                        02   19  162.1   66.3                       30                         75     5.   1500     43711
 02   30400701                        02   19  182.1   66.3                       30                         75     5.   1500     43711
                                         PLANT TOTAL                              60

40  0580  244  0011  PHELPS DODGE CORP. CENT. IND LUCHETTI
 01  10200403  4730117                00   19  185.9   67.6       1      17        2                         20     1.6   580      1516
 02  10200503                         00   19  165.9   67.6                        1                         25     1.7   500       842
                                         PLANT TOTAL              1      17        3

40  0580  244  0012   BACARDI CORPORATION.KM.2.6 PALO SECO
 01  10200402                         02       183.4   69.       23     314       31                         64     4.    572     22292
 02  10200402  STAND BY ONLY          02       183.4   69.                                                   64     4.    572     22292
 03  10200503                         00       183.4   69.                                                   30     1.5   500      1910
                                         PLANT TOTAL             23     314       31

40  0580  244  0014  GENERAL PAINTS CORP BO  PALMAS CARR.869
 01  30101401  6730170                00   19  182.3   66.1       1                19              30                       80
                                         PLANT TOTAL              1                19

40  0580  244  0020   CENTAURO CASTING CORP.BO.PALMAS.CARR.86
 01  10200503                         00   19  183.2   65.6
                                         PLANT TOTAL

40  0580  244  0023   GENERAL PAINTS &CHEMICALS.CAR.869
 01  40200101  7760290                00   19  182.1   67.7                                       18                      175
                                         PLANT TOTAL

40  0580  244  0024   CUIDAD FELIZ.CALLE CAPARRA Y STA.MARTA
 01   50200301  10760412              00   19                                                              144     2.3   210
                                         PLANT TOTAL

40  0580  244  0026  SHELL CO. BO PUEBLO VIEJO GUAYNABO
 01   30600805  STORAGE TANK          00   19  186.8   65.3                                       20
 02   30600805  STORAGE TANK               19  186.8   65.3                                       20
 03   30600805  STORAGE TANK               19  186.8   65.3                                       15
 04   30600805  STORAGE TANK #9       00   19  186.8   65.3                                       15
 05   30600805  STORAGE TANK # 10          19  186.8   65.3                                       15
 06   30600805  STORAGE TANK # 12          19  186.8   65.3                                       15
 07   30600805  STORAGE TANK # 13          19  186.8   65.3                                       15
 08   30600805  STORAGE TANK # 14          19  186.8   65.3                                       15
 09   30600805  STORAGE TANK #15           19  186.8   65.3                                       15
 10   30600805  STORAGE TANK # 17          19  186.8   65.3                                       15
                                         PLANT TOTAL
                                         COUNTY TOTAL            57     461      130

40  0620  244  0013  R&R EQUIPMENT AND REALTY CORP.BO BEATRIZ
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                       UTM                 EMISSIONS IN TONS/YEAR                S T A C K     D A T A
        FIRST                         COMMON   UTM COORDINATES         ESTIMATED           ALLOWABLE           PLUME   HEIGHT     DIAM  TEMP    FLOW
POINT SCC         COMMENTS             STACK   ZN   HORIZ   VERT     PART      SO2        PART      SO2    HGT-FT    FEET      FEET    F    RATE-CFM
 01   30502001    12710053                 00  19   184.6      35.2         10                  47               30                      80
                                             PLANT TOTAL                    10                  47

40  0620  244    0012  CORCAY CORP. BO.MONTELLANOS
 01   10200503    3720115                  00  19   182.6      32.2          1                   1                       50     1.2     257       678
                                             PLANT TOTAL                     1                   1

40  0620  244    0020   J.M.FIG SUCESORES.BO.CULEBRAS BAJO.
 01   10200503                             00  19   182.3      30.7                                                      31     1.2     194
 02   30200299                             00  19   182.3      30.7
                                             PLANT TOTAL

40  0620  244    0021   RAMOS VAQUERO AND RAMOS INC.
 01   30502001    7766265                  00  19   187.6      34.4         12                                   19                      90
                                             PLANT TOTAL                    12
                                             COUNTY TOTAL                   23                  48

40  0640  244    0001  CANTERA DE CEIBA.INC.KM 1 HM.4 RD.978
 01   30502001                             00  19   234.       47.                                  53               13                      80
                                             PLANT TOTAL                                        53

40  0640  244    0002  BLOQUES PEREZ INC. ST.978 KM.1 HM.4
 01   30500399    12710146                 00  19   231.7      47.3                             10               10                      85
                                             PLANT TOTAL                                        10

40  0640  244    0003  BLOQUERA CEIBA INC. BO.CHUPACALLO
 01   30501120    3740075 BLOCK MFG.       00  19   232.6      47.4                             18               10                      85
                                             PLANT TOTAL                                        18

40  0640  244    0004  PRWRA DAGUAO,BARRIO DAGUAO
 01   20100101                             00  19   235.8      47.9        155     1358                                  40     9.6     930    544328
 02   20100101    TWO STACKS/UNIT          00  19   235.8      47.9         28       62                                  23     9.2     690    194415
                                             PLANT TOTAL                   183     1420

40  0640  244    0005  SIRCOS CORP.INC ROAD 3 K  53.1  CEIBA
 01   30501120                             00  19   235.8      51.8                              9                       50     4.8     100     21768
 02   10200501                             00  19   235.8      51.8          1                   1                       20     1.4     560      1925
                                             PLANT TOTAL                     1                  10
                                             COUNTY TOTAL                  184     1420         91

40  0680  244    0001  METRO AGGREGATES INC.PLANT 2.RD.145
 01   30502001                             00  19   148.4      54.6         64                  48               30                      85
                                             PLANT TOTAL                    64                  48

40  0680  244    0003  CIALES AGRICULTURAL LIME POTION.RD 142
 01   30501601                             00  19   147.8      59.6        310                  16               15                      80
                                             PLANT TOTAL                   310                  16

40  0680  244    0004  AG SERV ADMIN AG LIMEST PLT CIALES
 01   30501601            LIMEST CRUSH     00  19   144.7      50.1         62                                   30                      80
                                             PLANT TOTAL                    62

40  0680  244    0011   JACK PACKAGING INC.CARR.146 KM.26.8
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                                                                   EPA REGION IV EIS DATA IN A334 FORMAT                           PAGE   26
ST  CITY AQCR PLANT  NAME AND ADDRESS

                                              UTM               EMISSIONS IN TONS/YEAR            S T A C K   D A T A
       FIRST                         COMMON  UTM COORDINATES     ESTIMATED       ALLOWABLE         PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT   SCC      COMMENTS             STACK  ZN  HORIZ  VERT   PART     SO2     PART     SO2      HGT-FT  FEET    FEET   F    RATE-CFM
 01  10300503                           00  19
                                          PLANT TOTAL

40  0680  244  0012  CANTERA ROSARIO ROSARIO.ST.149 KM.9.5.
 01  30502001                           00  19  147.5   58.5       1            3              12                   70
                                          PLANT TOTAL              1            3
                                          COUNTY TOTAL           437           67

40  0720  244  0001  REXACH CONCRETE CORP   CIDRA
 01  30501101  12710067                 00  19  187.     35.3                  20              10                   85
                                          PLANT TOTAL                          20

40  0720  244  0002  GLEEM PAINTS OF P.R. CO.CARR.173 KM.0
 01  30101401  11730309.MIXING          00  19  188.7    53.7                   2               8                   80
                                          PLANT TOTAL                           2

40  0720  244  0005   CIDRA MARBLE CORP.CARR.173 K.5.3
 01  30502001  7760287                  00  19  187.8    47.9     10                           17                   80
                                          PLANT TOTAL             10

40  0720  244  0022   GLEEM PAINTS OF P.R.CARR.173 K.0.2
 01  30101401  6760221                  00  19  186.     46.5                                  17                  175
                                          PLANT TOTAL
                                          COUNTY TOTAL            10           22

40  0760  244  0001  BLOQUES EMANUELI INC.CARR.150 KM.18
 01  30501120  12710194 BLOCK MFG-      00  19  153.     23.2                  11              10                   85
                                          PLANT TOTAL                          11

40  0760  244  0002  READY MIX CONCRETE INC. BO.LAS OLLAS
 01  30501101  1720028                  00  19  153.9    21.5                  44               8                   85
                                          PLANT TOTAL                          44

40  0760  244  0005   CANTERA DE COAMO.CARR.153 KM. 127.7.
 01  30502001  8750284                  00  19  160.4    23.1                  65              12                   80
                                          PLANT TOTAL                          65

40  0760  244  0006   COAMO POULTRY.P.R.14 K.37.3 BO.PALMARES
 01  10200402  12750396                 00  19  163.1    27.6                                          20     1.5  1200
                                          PLANT TOTAL

40  0760  244  0007   COAMO SAND AND GRAVEL.
 01  30502001  6760217                  00  19  158.3    21.3                                  20                  175
                                          PLANT TOTAL
                                          COUNTY TOTAL                        120

40  0800  244  0001  CONSOLIDATED CIGAR COR.PLAT 26 BDA.PASA.
 01  10200403  7720216                  00  19  175.1    43.2             3     4                      36     1.6   392       232
 02  10200403                           00  19  175.1    43.2             3     4                      36     1.6   392       232
 03  30299999  THRESHING TOBACCO        00  19  175.1    43.2                  13              39                   80
                                          PLANT TOTAL                     6    21

40  0800  244  0002  URB.RIO PLATA (CRUV)BO.PALOMAS
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                                                       EPA REGION IV EIS DATA IN AQDA FORMAT                                            PAGE   27
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                        UTM              EMISSIONS IN TONS/YEAR               S T A C K    D A T A
     FIRST                           COMMON  UTM COORDINATES          ESTIMATED          ALLOWABLE          PLUME  HEIGHT    DIAM  TEMP   FLOW
POINT   SCC      COMMENTS             STACK  ZN  HORIZ  VERT         PART     SO2       PART     SO2      HGT-FT   FEET      FEET   F   RATE-CFM
 01  30502601                             00  19  172.6     41.8        55                                     25                     80
                                             PLANT TOTAL                55
                                            COUNTY TOTAL                55          6         21

40  0840  244  0001  ANGEL PEREZ INC  RD.159 KM.13.9 COROZAL
 01  30502001  4740107                    00  19  165.6     56.4                              16               12                     85
 02  30502006                             00  19  165.6     56.4                              16               15                     80
 03  30502007                             00  19  165.6     56.4                              16               10                     80
                                             PLANT TOTAL                                      48

40  0840  244  0004  EMPIRE TEXTILE CORP. KM 13.6 ROAD 159
 01  10200403  11730341                   00  19  165.1     56.8                    2          1                       40      2.    375       225
 02  10200401                             00  19  165.1     56.8                    1          1                       23     1.2    400       185
 03  10200503                             00  19  165.1     56.8                               1                       15      1.    310       185
                                             PLANT TOTAL                            3          3

40  0840  244  0011   READY MIX CONCRETE
 01  30501101  3760302                    00  19                                                               17                     80
                                             PLANT TOTAL
                                            COUNTY TOTAL                            3         51

40  0860  244  0001   TRAVENOL LABORATORIES INC.
 01  10200403  2760033                    00  19                                                                       23      .8    350
                                             PLANT TOTAL

40  0860  244  0002  CULEBRA DIESEL UNIT. P.R.W.R.A
 01  10100503  DIESEL ENGINE 1                19  272.      52.7                    2                                  15      .6    810      1969
 02  10100503  DIESL ENGINE 2             00  19  272.      52.7                    2                                  15     6.6    875      2379
 03  10100503  DIESELENGINE NO.3          00  19  272.      52.7                    4                                  12      .9    825      4989
 04  10100503  DIESEL ENGINE NO.4         00  19  272.      52.7                    1                                  11      .9    972      2150
 05  10100503  DIESEL ENGINE 5            00  19  272.      52.7                                                       12      1.    830      8105
                                             PLANT TOTAL                            9
                                            COUNTY TOTAL                            9

40  0880  244  0001  CONCRETE UNLIMITED OF PR DO AGUILAR
 01  30501101  5730120                    00  19  168.4     67.2                              14               10      20     1.1     77      3000
                                             PLANT TOTAL                                      14

40  0880  244  0011  HORMIGONERA INC CARR 693 KM8.2 DORADO
 01  30501101  12710177                   00  19  166.8     70.2                              46               10                     85
                                             PLANT TOTAL                                      46

40  0880  244  0012  ORTHO PHARMACEUTICALS INC.RD.165E854K4.2
 01  31199999  BIRTH CONTROL PILLS        00  19  171.5     65.1                                               30                     80
                                             PLANT TOTAL

40  0880  244  0016   DORADO BEACH HOTEL. HWY 693 K.11
 01  10201003  1760023                    00  19  170.4     68.7                                                       25      1.    360
                                             PLANT TOTAL
                                            COUNTY TOTAL                                      60

40  0940  244  0002  CENTRAL FAJARDO
 01  10201102  12710055                   02  19  235.4     54.6        41                                            250     11.    550     85247
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ST  CNTY AQCR PLANT  NAME AND ADDRESS             EPA REGION IV EIS DATA IN AQDA FORMAT                                      PAGE   28
                                                   UTM
       FIRST                                                       EMISSIONS IN TONS/YEAR            S T A C K   D A T A
POINT   SCC      COMMENTS         COMMON  UTM COORDINATES       ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
                                   STACK  ZN  HORIZ  VERT     PART        SO2   PART     SO2     HGT-FT   FEET    FEET    F   RATE-CFM
 02  10201102  12710054               02  19  235.4     54.6        42       95
 03  10201102                         06  19  235.4     54.6        41                                          250    11.    550   100497
 04  10201102                         06  19  235.4     54.6        41                                          250    11.    500    85247
 05  10201102                         06  19  235.4     54.6        12                                          250    11.    500    85247
 06  10201102                         06  19  235.4     54.6        12                                          250    11.    500    74130
                                        PLANT TOTAL                109       95                                 250    11.    500    74130

40  0940  244  0008  LIFAVO BLANCO INC.CENTRO INDUST.IGUALDAD
 01  10300503  9720302                00  19  236.1     54.7                  1       1
 02  10300503                         00  19  236.1     54.7                  1       1                          20     1.    400      853
                                        PLANT TOTAL                           2       2                          20     .7    300      370

40  0940  244  0009  READY MIX CONCRETE INC  FAJARDO
 01  30501101  1720030                00  19  238.4     56.6                          5
                                        PLANT TOTAL                                   5                                         35       10

40  0940  244  0011  ISLETA MARINA,INC.
 01  50200301  9730258                00  19  239.3     56.5                          1
                                        PLANT TOTAL                                   1                         117    2.3    210     3023

40  0940  244  0013  DOS MARINAS COND.BO.SARDINERA
 01  50200301  2720079                00  19  236.7     56.7                          1
                                        PLANT TOTAL                                   1                         221    2.3    218     1511

40  0940  244  0014  CONCRETO MIXTO-#11 RD #3 KM 44.3
 01  30501101                         00  19  181.6     63.6
                                        PLANT TOTAL                                                 20                          80

40  0940  244  0015  HORMIGONERA INC CARR 3 KM44.3 FAJARDO
 01  30501101  12710178               00  19  132.7     57.2                         46
                                        PLANT TOTAL                                  46             25                          85

40  0940  244  0016  PARTAO CORPORATION. UNION ST.KM.1.1.
 01  10200503  3720118                00  19  236.4     55.7                          1
                                        PLANT TOTAL                                   1                          40    1.3    665     1215

40  0940  244  0017  COND.DOS MARINAS.BO.SARDINERA
 01  50200301                         00  19  236.5     57.4                          1
                                        PLANT TOTAL                                   1                         221    2.3    218     1511

40  0940  244  0020  ISLETA MARINA II.FAJARDO
 01  50200301  3760072                00  19  233.1     57.7
                                        PLANT TOTAL                                                             117    2.3    210     3292

40  0940  244  0021  VILLA MARINA DEVELOPMENT.SARDINERA SS.
 01  30599999  LAND DEVELOPT          00  19  236.2     57.6
                                        PLANT TOTAL                                                 15

40  0940  244  0022  HIRAM PEREZ INC. BO.FORTUNA FAJARDO CARR
 01  30502001                         00  19  232.8     53.7        25               54
                                        PLANT TOTAL                 25               54             15                          80
                                        COUNTY TOTAL               214       97     111

40  1620  244  0002  OCHOA FERTILIZER INC  RD 333 KM 1.8
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                                                UTM                EMISSIONS IN TONS/YEAR
        FIRST                       COMMON  UTM COORDINATES     ESTIMATED         ALLOWABLE          S T A C K    D A T A
POINT    SCC       COMMENTS          STACK  ZN  HORIZ  VERT    PART     SO2     PART     SO2      PLUME  HEIGHT   DIAM  TEMP    FLOW
 01   30103002          ENCLOSE MIXN   00   19  102.5   16.8                                      HGT-FT   FEET   FEET    F   RATE-CFM
 02   30103099  ENCLOSE HANDLING       00   19  102.5   16.8                                        30                     60
                                          PLANT TOTAL                                               30                     80

 40   1020  244   0001  CENTRAL GUANICA
 01   10201102               BOILER #1     09        99.9   15.2    330
 02   10201102  BOILER # 2                 09        99.9   15.2    330                                    225     15.    500     61000
 03   10201102  BOILER # 3                 09        99.9   15.2    330                                    225     15.    500     61000
 04   10200401  BOILER # 4                 09        99.9   15.2    227      114                           225     15.    500     61000
 05   10201102  BOILER # 10                09        99.9   15.2    132                                    225     15.    500     69375
 06   10201102  BOILER # 11                09        99.9   15.2    176                                    225     15.    500     41625
 07   10201102  BOILER # 12                09        99.9   15.2    330                                    225     15.    500     51000
 08   10201102  BOILER # 13                09        99.9   15.2    330                                    225     15.    500     61000
 09   10201102  BOILER # 14                09        99.9   15.2    330                                    225     15.    500     61000
 10   10201101  BOILER # 15                00        99.9   15.2    667      114                           225     15.    500     61000
 11   10203402  BOILER # 16                00        99.9   15.2     18      302                           225      8.    500    189000
                                          PLANT TOTAL              3200      530                            65     4.5    500     40644

 40   1020  244   0020  CENTRO DE DIAGNOSTICO DE GUANICA.
 01   50100505                             00   19  101.7   15.7
                                          PLANT TOTAL                                                        6     1.1    206      1023

 40   1020  244   0021  EXT.JORGE E.PEREZ.CARR.332.FINCA S.RITA
 01   30502031  9750328                    09   19  102.2   16.2    116
                                          PLANT TOTAL               116                             15                     80

 40   1020  244   0022  CANTERA CANO NEGRO.RD.116 K.21
 01   30502001  4750109                    00   19   96.3   17.7      5                16
                                          PLANT TOTAL                 5                16            20                     80

 40   1020  244   0023  MOLINOS NACIONALES INC.
 01   30200501  1750027                    00   19  102.7   15.6
                                          PLANT TOTAL                                                                      100
                                          COUNTY TOTAL             3321      530       16

 40   1000  244   0003  PHILLIPS P.R.CORE,INC.,CARR 710 KM-1 HM3
 01   30600104  UNIT 1/1/360/1010      00   19  183.1    13.3     10       64
 02   30600103  UNIT 1/1/360/1020      00   19  183.     13.2     97     1939                             138     8.3    667     52427
 03   30600104  UNIT 1/2/360/2010      00   19  183.     13.2     10       60                             133    10.     675     68275
 04   30600103  UNIT 1/2/360/2020      00   19  183.1    13.3    144     2071                             159     7.5    522     43201
 05   30600103  UNIT 1/2/360/2030      00   19  183.     13.3    104     2079                             186    11.3    700    103294
 06   30600104  UNIT 1/2/360/2040      00   19  183.     13.3      5       30                             164    10.3    593     67889
 07   30600104  UNIT 1/2/360/2050      00   19  183.     13.2      8       49                             154     5.3    569       569
 08   10200401  UNIT 51/370/0010       00   19  182.9    13.4                                             129     6.8    678     40705
 09   30600103  UNIT 1/3/360/3010      00   19  183.9    13.3    109     2140                              60     5.3    650     86124
 10   30600103  UNIT 1/3/360/3050      00   19  183.     13.2      2       17                             191    10.3    666     76144
 11   30600103  UNIT 2/4/360/4010      00   19  182.9    13.1     42      842                             101     4.     640     11734
 12   30600103  UNIT 2/4/360/4020      00   19  182.9    13.1     35      701                             117     6.5    500     25078
 13   30600104  UNIT 2/4/360/4030      00   19  183.     13.2      2       10                              94     6.     500     20856
 14   30600104  UNIT 2/4/360/4040      00   19  183.     13.2      6       34                              89     3.3    735      9973
 15   30600103  UNIT 2/4/360/4050      00   19  183.     13.2     21      414                             124     6.     700     30888
 16   30600104  2/1/360/1010           00   19  183.     13.1      3       16                             110     4.7    550     12986
 17   30600104  UNIT 2/1/360/1020      00   19  182.9    13.1              2                               89     3.     610     12756
                                                                                                           31     2.5    800      2003
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                                                 UTM             EMISSIONS IN TONS/YEAR              S T A C K      D A T A
        FIRST                         COMMON UTM COORDINATES      ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS             STACK ZN  HORIZ   VERT    PART     SO2     PART     SO2     HGT-FT  FEET    FEET   F    RATE-CFM
 18  30600103  UNIT 3/1/360/1010        00   19  182.9   13.1     10      360                                80    4.3   570    11492
 19  30600501  FLARE 66/950/0000        00   19  182.6   13.                3                               220    3.5   300     2416
 20  30600501  FLARE 66/950/0070        00   19  182.7   13.2               3                               220    2.    300
 21  30600103  UNIT 3/4/360/4010        00   19  182.9   13.1     67     1331                               199    7.5   598    43705
 22  30600104  UNIT 3/2/360/2010        00   19  183.    13.1               2                                38    2.    600     1685
 23  30600104  UNIT 3/1/360/1020        00   19  182.9   13.1      1        4                                40    2.3   750     3366
 24  30600103  1/3/360/3020             00   19  183.    13.2     23      403                                59    4.8   650    86124
 25  10200401  UNIT 51/010/3030         00   19  182.9   13.4     32      426                                40    5.3   625    52626
 26  10200401  51-070-0020              00   19  182.9   13.4    144     2455                                59    5.3   650    86124
 27  10200401  51-070-0040              00   19  182.9   13.4    135     2301                                60    5.3   650    85324
                                      PLANT TOTAL               1013    10656

40  1060  244  0005  TITO CASTRO READY MIX.CENTRAL GUAMANI.
 01  30501101  12710104                 00   19  179.3   14.6                       42             30                   80
                                      PLANT TOTAL                                   42

40  1060  244  0006  PANADERIA TORREGROSA.NO.68 SAN ANT.ST
 01  10300503  2720045                  00   19  186.4   17.1               2        1                       10    1.    300      185
                                      PLANT TOTAL                           2        1

40  1060  244  0009  TERRAZOS TILES MFG.HG CAMARON KM.1.3
 01  30599999  TILES MFG                00   19  187.2   16.6                        2             30                   85
                                      PLANT TOTAL                                    2

40  1060  244  0010  CANTERA RAMOS BAQUERO & RAMOS GUAYAMA
 01  30502001  7730204                  00   19  187.4   18.7                       46             30                   80
                                      PLANT TOTAL                                   46

40  1060  244  0011  WILVIS OPTICAL CORP.
 01  10200403  11710017                 00   19  185.5   16.5      2       34        5                       32    1.4   310     1705
 02  10200403                           00   19  185.5   16.5      1       22        2                       36    1.4   300     1123
 03  10200403                           00   19  185.5   16.5      2       28        4                       40    1.8   300     1455
                                      PLANT TOTAL                  5       84       11

40  1060  244  0012  PRRKA-JUNOS,BARRIO JUNOS
 01  20100101                           00   19  183.8   14.4     55      126                                22   11.    690   388830
 02  20100101                           00   19  183.8   14.4    155     1358                                40    9.6   930   544328
                                      PLANT TOTAL                210     1484

40  1060  244  0013  TERRAZOS CARIDE CORP HG CORAZON GUAYAMA
 01  30501120  12720374 CEMENT BLOC     00   19  169.4   18.3                        7             14                   85
                                      PLANT TOTAL                                    7

40  1060  244  0015  CHEVRON CHEMICAL CO P.R P. BOX LAS MARIA
 01  10200402  BOILER                   03   19  182.6   14.2     36      519      102
 02  10200402  BOILER                   03   19  182.6   14.2     36      519      102                      200    5.    500    46206
 03  10200402  BOILER                   03   19  182.6   14.2                      102                      200    5.    500    46206
 04  10200502                           00   19  182.6   14.2      2        4                               200    5.    500    46206
 05  30600104                           00   19  182.2   14.2      5       19                               110    3.5   830    26143
 06  30600104                           00   19                                                             110    3.5   830    26143
                                      PLANT TOTAL                 79     1061      306                      110    3.5   830   826143

40  1060  244  0020  CHEVRON CHEMICALS CO.
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                                                    EPA REGION IV EIS DATA IN A004 FORMAT                                        PAGE    31
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                         UTM             EMISSIONS IN TONS/YEAR           S T A C K    D A T A
        FIRST                               COMMON  UTM COORDINATES    ESTIMATED        ALLOWABLE       PLUME  HEIGHT    DIAM  TEMP   FLOW
POINT    SCC       COMMENTS                 STACK  ZN  HORIZ   VERT    PART     SO2     PART     SO2    HGT-FT  FEET     FEET   F   RATE-CFM
 01   10200502  BOILER-1.1760025              03   19  182.6    14.2     22      469                              200      5.    500     16629
 02   10200502  BOILER-2                      03   19  182.6    14.2     22      469                              200      5.    500     16629
 03   10200502  BOILER-3                      03   19  182.6    14.2     22      469                              200      5.    500     16629
 04   30600102  HEATER-3                      00   19  182.6    14.2                                              110      3.5   830     13037
 05   30600102  HEATER-2                      00   19  182.6    14.2                                              110      3.5   830     13037
 06   30600102  HEATER-1                      00   19  182.6    14.2                                              110      3.5   830     13037
                                                PLANT TOTAL              66     1497

40  1060  244  0021   GRAVERO GUAMANI
 01   30502001  4760326                       00   19                                                  18                      175
                                                PLANT TOTAL

40  1060  244  0022   PROCON INT SA COMPANY.CARR 710 K 1.3
 01   30502001  11760471                      00   19                                                  18                       80
                                                PLANT TOTAL

40  1060  244  0023   EXT.MAT.DEL RIO GUAMANI DE N.LAGO
 01   30502001  5760143                       00   19  185.7    17.1                                   18                       80
                                                PLANT TOTAL
                                                COUNTY TOTAL           1378    22694      415

40  1100  244  0001   COMMONWEALTH OIL
 01   30600103                                00   19  120.6    19.7     75      506                              175     10.    950    165600
 02   30600103                                00   19  120.7    19.6     35      196                              147      6.8   950     80270
 03   30600103                                00   19  120.7    19.7     33      179                              125      6.8   950     91655
 04   30600104  UNDERFIRED HEATER H 1         00   19  120.7    19.6      9                                       186      6.5   950     60490
 05   30600104  UNDRFD HTR 251,252,2          00   19  120.5    19.7      2                                       125      4.6   950     42550
 06   30600104  UNDERFIRED HEATER H 2         00   19  120.5    19.7      5                                       125      3.3   950     32085
 07   30600104  UNDERFIRED HEATER H 2         00   19  120.5    19.7      4                                       131      4.    550     25760
 08   30600104  UNDERFIRED HEATER H 2         00   19  120.5    19.7      5                                       125      4.5   950     28865
 09   30600104  UNDERFIRED HEATER AH10        00   19  120.5    19.7     39                                       180     15.3  1050    454825
 10   30600104  UNDERFIRED HEATER AH          00   19  120.6    19.7      1                                       125      3.    950      4715
 11   30600104                                00   19  120.6    19.8     23      118                              160      7.    950     93835
 12   30600104                                00   19  120.6    19.8     19      112                              125      5.    970     54050
 13   30600104                                00   19  120.6    19.8     20      121                              125      5.    950     38755
 14   30600104                                00   19  120.6    19.8     43      290                              155      7.    950     77970
 15   10200501  2 BOILERS COMMON STK          00   19  120.7    19.9    243     2400                              150     11.5   400    264040
 16   30600104  UNDERFIRED HEATER AH4         00   19  120.7    19.7      7                                       147      6.    950     53245
 17   30600104  UNDRFD HTR H103,104E          00   19  120.1    19.6     26                                       100      7.8   950    256450
 18   30600104  UNDERFIRED HEATER AH7         00   19  120.2    19.6      5                                       150      5.    950     34845
 19   30600104                                00   19  120.2    19.6     26      147                              155      7.    970     76590
 20   30600104  UNDERFIRED HEATER SOH         00   19  120.2    19.6      3                                       100      3.5   950     18170
 21   10200401                                00   19  120.     19.6    168      163                              101      6.    375     77970
 22   10200401                                00   19  120.     19.6    168      326                              101      6.    375     77970
 23   10200401                                00   19  120.     19.6    168     1009                              101      6.    375     77970
 24   30600104                                00   19  120.     19.5     33      180                              125      9.    950    114655
 25   30600104  UNDERFIRED HEATER H90         00   19  120.2    19.6      8                                       150      7.    950     72680
 26   30600104                                00   19  120.1    19.6     15       19                              110      4.9   950     53935
 27   30600104  UNDERFIRED HEATER 460         00   19  120.1    19.6      1                                       100      5.8  1150     38410
 28   30600104                                00   19  120.1    19.5     13       61                              100      4.5   950     36340
 29   30600104                                00   19  120.1    19.5     14       23                              110      4.9   950     66470
 30   10200602  BOILER 803                    00   19  119.5    19.3     58        4                               50      5.3   650     58420
 31   10200602  BOILER 804                    00   19  119.5    19.3     58        4                               50      5.3   650     58420
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                                                           EPA REGION IV EIS DATA IN AQDM FORMAT                                  PAGE   32
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                    UTM           EMISSIONS IN TONS/YEAR                     S T A C K    D A T A
       FIRST                      COMMON   UTM COORDINATES        ESTIMATED          ALLOWABLE          PLUME  HEIGHT    DIAM  TEMP     FLOW
POINT   SCC     COMMENTS           STACK   ZN  HORIZ    VERT     PART     SO2       PART     SO2     HGT-FT    FEET    FEET     F  RATE-CFM
 32  30600201  FCC REACTOR          00   19  119.4    19.2     680    1385                           290     4.   910   111550
 33  30600103  UNDERFEED HEATER BA1 00   19  119.4    19.2      38     247                           125    6.7  1060    50370
 34  30600103  UNDERFEED HEATER BA7 00   19  119.4    19.2      52     392                            86    4.7  1060    75555
 35  30600104                       00   19  118.5    18.8      36     166                            80    4.2  1050    26450
 36  30600104                       00   19  119.4    19.2      36     166                            80    4.2  1050    26450
 37  30600104                       00   19  119.4    19.2      36     166                            80    4.2  1050    26450
 38  30600103  UNDERFEED HEATER     00   19  119.4    19.2     119     797                           100    8.5  1045   165830
 39  30600104                       00   19  119.6    19.3      12      71                            80    4.2  1050    26450
 40  30600104                       00   19  119.6    19.3      12      69                            80    4.2  1050    26450
 41  30600104                       00   19  119.6    19.3      12      69                            80    4.2  1050    26450
 42  30600104                       00   19  119.5    19.3       6       2                           100     5.  1100    27255
 43  30600103  UNDERFEED HEATER BA2 00   19  119.6    19.3      21     162                            80    4.5  1150    31395
 44  30600201  FCC                  00   19  119.6    19.3     680    1386                           290     4.   910   111550
 45  30600103  UNDERFEED HEATER     00   19  119.5    19.3      82     625                           100    7.5  1045   111550
 46  30102301  SULFUR RECOV PLT H2S 00   17  119.7    19.4      37      59                           100     3.   130    11730
 47  30600103  UNDERFEED HEATER     00   19  119.7    19.4      61     467                           150    8.3   950    78085
 48  30600104                       00   19  119.7    19.4      13      72                           126    4.9   950    27255
 49  30600104                       00   19  119.7    19.4      20     177                           126    4.4   950    30130
                                        PLANT TOTAL           3280   12376

40  1100  244  0002  CENTRAL SAN FRANCISCO GUAYANILLA
 01  10201102                       02        111.3    16.6     132                                  112     5.   450    41625
 02  10201102                       02        111.3    16.6      88                                  112     5.   450    24975
                                        PLANT TOTAL            220

40  1100  244  0015   BETTEROADS ASPHALT CORP.BO.BOCA CENTRAL
 01  30502001  1760026              00   19  114.2     20.                                   15                     80
                                        PLANT TOTAL

40  1100  244  0022  PPG INDUSTRIES
 01  30699998                       00   19  116.5    20.4                                            96    1.7   217    15000
 02  10200401                       00   19  116.5    20.4     134    1711                           125    8.5   300    74903
 03  10200401                       00   19  116.5    20.4     165    2258                           125    8.5   300    74903
 04  30600102                       00   19  116.5    20.4       2                                   108    5.8   550    16487
 05  30600102                       00   19  116.5    20.4       2                                   108    5.8   550    16487
 06  30600102                       00   19  116.5    20.4                                            56    3.5  1500     4907
                                        PLANT TOTAL            303    3969
                                        COUNTY TOTAL          3803   16345

40  1140  244  0001  THE PLACCO CO OF PR CARR.165 GUAYNABO
 01  10200502  HORIZ FIRETUBE BOIL  00        186.5    65.2       1      11   9999999      12            36    2.1   300     3447
 02  30600103  HOT OIL HEATER       00        186.5    65.2       1       5   9999999       5            36     2.   450     1720
 03  10200503  HORIZ FIRETUBE BOIL  00        186.5    65.2               3   9999999       4            36    1.1   475     1161
 04  30600103  OIL HEATER-COIL      00        186.5    65.2       1       5   9999999       8            36    3.1   500     3007
 05  30600103  ASPHALT HEATER (#1)  00        186.5    65.2       1       5   9999999       5            36     2.   450     1720
 06  30600103  ASPHALT HEATER (#2)  00        186.5    65.2       1       5   9999999       5            36     2.   450     1720
 07  30600103  GAS OIL BURNER (#1)  00        186.5    65.2               1   9999999       1            25     1.   300      123
 08  30600103  GAS OIL BURNER (#2)  00        186.5    65.2               1   9999999       1            25     1.   300      123
 09  30600103  GAS OIL BURNER (#3)  00        186.5    65.2               1   9999999       1            25     1.   300      123
 10  30601101  ASPLT DEHYDROGENATN  00        186.5    65.2       1       3   9999999                    12     .7   430     1500
                                        PLANT TOTAL              6      44                42

40  1140  244  0004  VILLA CAPARRA TOWER. A ST.V.CAPARRA
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                   UTM              EMISSIONS IN TONS/YEAR               S T A C K    D A T A
          FIRST                             COMMON  UTM COORDINATES     ESTIMATED           ALLOWABLE         PLUME  HEIGHT    DIAM  TEMP   FLOW
POINT     SCC       COMMENTS                STACK  ZN  HORIZ  VERT    PART      SO2        PART     SO2      HGT-FT   FEET     FEET   F   RATE-CFM
 01   50200301   11720327                   00   19  186.6    63.0                             1                     15      2.6   210     1511
                                               PLANT TOTAL                                     1

40   1140   244   0005  LOS CAOBOS COND.SAN PATRICIO AVE.AND 6 S
 01   50200301                              00   19  187.2    64.                                                   131      2.3   210     1169
                                               PLANT TOTAL

40   1140   244   0008  MOLINO DE PUERTO RICO INC.BARRIO SABANA
 01   30200799   UNLOADING OF GRAIN.        00   19  186.3    66.4      76                   129          20                         80
 02   30200601   STORAGE-TRANSFER-P.MI      00   19  186.3    66.4      76                   125          20                         80
 03   30200701   CORN MILLING               00   19  186.3    66.4      25                    70          20                         80
 04   30200730   WHEAT CLEANING AND G       00   19  186.3    66.4     120                    78          20                         80
 05   30200799   FEED MIXING AND GRIN       00   19  186.3    66.4       1                   148          20                         80
 06   30200730   FLOUR AND CORN PACKI       00   19  186.3    66.4     104                    35          20                         80
 07   10200505   OIL FIRE BOILERS           00   19  186.3    66.4                12                                    119      1.6   450
                                               PLANT TOTAL             410        12         585

40   1140   244   0010  RESIDENCIAL ALTAMIRA-CALLE AUSTRAL
 01   50200301   7720213                    00   19  186.9    62.9                             1                    135      2.3   218     2277
                                               PLANT TOTAL                                     1

40   1140   244   0011  PUERTO RICAN CEMENT   R.24 KM.2
 01   30500703                              00   19  175.8    64.1     152       288                                120      8.    306   115000
 02   30500703                              00   19  175.8    64.1     143       271                                175      8.    310    73000
 03   30500703                              00   19  175.8    64.1     143       271                                150      8.    245    43000
 04   30500703                              00   19  175.8    64.1    1002      1898                                150     12.    428   317000
 07   30500702                              00   19  175.8    64.1    1095                                           30      1.7   105    20200
                                               PLANT TOTAL            2535      2728

40   1140   244   0012  CAPARRA DAIRY INC.
 01   10300403   11730340                   00   19  186.5    65.2       1        11           1                     30      1.2   350     1312
 02   10300403                              00   19  186.5    65.2       1        17           2                     30      1.4   375    39085
                                               PLANT TOTAL               2        28           3

40   1140   244   0013  ERIC'S SWISS POTS.INC STATE RD.KM 5.4
 01   10300503   12710045                   00   19  186.3    58.9                 2           1                     14      1.3   420      951
                                               PLANT TOTAL                        2           1

40   1140   244   0015  OLYMPIC MILLS CORP.
 01   10200403   3730071                    00   19  186.5    60.3       2        22           5                     30      2.3   450     3789
 02   10200403                              00   19  186.5    60.3       6        77           5                     30      1.3   460     2981
                                               PLANT TOTAL               8        99          10

40   1140   244   0018  ALAMEDA TOWERS- GUAYNABO P.R.
 01   50200301   3740066 TOWER NUMBER       00   19  187.8    61.7                             2                    160      2.3   210     6047
 02   50200301   TOWER NUMBER 2             00   19  187.8    61.7                             2                    160      2.3   210     6047
 03   50200301   TOWER NUMBER III           00   19  187.8    61.7                                                  160      2.3   210     6047
 04   50200301   TOWER NUMBER IV            00   19  187.8    61.7                                                 1600      7.3   210     6047
                                               PLANT TOTAL                                     4

40   1140   244   0019  PONCE DE LEON GARDENS I
 01   50200301   872-0256 TOWER NUMBE       02   19  185.7    63.5                             1                    225      2.6   210     5004
 02   50200301   374-0009 TOWER NUMBE       00   19  185.7    63.5                             1                     18      2.6   210     5004
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ST  CNTY AQCR PLANT  NAME AND ADDRESS          EPA REGION IV EIS DATA IN AQ34 FORMAT                                        PAGE   34

                                                      UTM                  EMISSIONS IN TONS/YEAR
         FIRST                              COMMON  UTM COORDINATES      ESTIMATED         ALLOWABLE          S T A C K   D A T A
POINT     SCC      COMMENTS                 STACK  ZN  HORIZ   VERT    PART     SO2      PART     SO2     PLUME  HEIGHT  DIAM  TEMP    FLOW
                                                PLANT TOTAL                                                HGT-FT  FEET   FEET   F    RATE-CFM
                                                                                            2

40  1140  244  0020  P R GLASS CORP G P O BOX 4272 SAN JUAN
 01  10200501  BOILER                        02  19  186.2    65.3               3                               40     5.   175       414
 02  10200503  SPARE BOILER                  02  19  186.2    65.3               3                               40     5.   175       414
 03  30501401           GLASS FNC 1         .00  19  186.2    65.3     157      131            9999999          150     5.   525     16000
 04  30501401           GLASS FNC 2          00  19  186.2    65.3     157      131            9999999          150     5.   525     16000
 05  30501401           GLASS FNC 3          00  19  186.2    65.3     132      114            9999999          150     5.   510     18200
 06  30501412           BATCH MELTER         00  19  186.2    65.3              137            9999999           85     4.   450      6500
 07  30501499                   00029950     00  19  186.2    65.3                             9999999    35     75     2.   150      2200
                                                PLANT TOTAL              446      519

40  1140  244  0021  ACINO CONSTRUCTION CO INC CAROLINA 00630
 01  30502001           QUARRY CRUSH         00  19  188.6    51.7
                                                PLANT TOTAL                                                30                  80

40  1140  244  0022  BEL AIR VILLAGE.BO.SANTA ROSA K.0 H.6 CA
 01  30502001                                00  19  186.3    58.3      32
                                                PLANT TOTAL               32                                20                  80

40  1140  244  0027  CONCRETE UNLIMITED OF P.R INC.
 01  30501120  5730122 BLOCK MFG.            00  19                                      44
                                                PLANT TOTAL                                  44              10                  30

40  1140  244  0034  COND.LOS PISOS DE-CAP.CARR.2 MILLAN ST.
 01  50200101  3730041                       00  19  186.5    63.9                        1
                                                PLANT TOTAL                                   1                    128    2.2   210      3779

40  1140  244  0035  OLYMPIC MILLS CORP.
 01  10200403                                02  19  186.7    58.2       6       77       5
                                                PLANT TOTAL                6       77       5                     35    1.8   460      1485

40  1140  244  0040  FRAILES QUARRY.FRAILES WARD.PR 20.
 01  30502001                                00  19  186.7    60.7
                                                PLANT TOTAL                                                12

40  1140  244  0041  CONDOMINIO SANTA ANA.CARR 19 K.0 H.4
 01  50200301                                00  19  186.6    63.5
                                                PLANT TOTAL                                                        18   13.5   210    171766

40  1140  244  0042  COND.LOS FRAILES NORTE .CARR 833
 01  50200101                                00  19  187.4    60.7
                                                PLANT TOTAL

40  1140  244  0043  COND.LOS FRAILES.SUR CARR 833
 01  50200301                                00  19  187.4    60.7
                                                PLANT TOTAL

40  1140  244  0044  SAN MARTIN TWIN TOWERS.CARR.20 KM.2.7
 01  50200301                                00  19  187.     61.4
                                                PLANT TOTAL                                                        18    2.3   210      4986

40  1140  244  0045  ALAMEDA TOWER II. GUAYNABO PTO.RICO
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                                             UTM                   EMISSIONS IN TONS/YEAR             S T A C K   D A T A
      FIRST                       COMMON  UTM COORDINATES        ESTIMATED         ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC      COMMENTS          STACK  ZN  HORIZ  VERT      PART     SO2      PART     SO2     HGT-FT   FEET    FEET   F   RATE-CFM
 01  50300101  276-0029             00   19  184.3   62.5                                                  122     1.5   210     5813
                                      PLANT TOTAL

40  1140  244  0046   ALAMEDA TOWERS III.
 01  50200301  2760030              00   19  188.2   61.8                                                  162     2.5   210
                                      PLANT TOTAL

40  1140  244  0047   ALAMEDA TOWER IV.
 01  50200501  2760031              00   19  188.2   61.8                                                  162     2.5   210
                                      PLANT TOTAL

40  1140  244  0048   ARENAS DE PR.CARR 1 RUTA RURAL 834-KM.2
 01  30502001  1760016              00   19  179.9   53.8                         42             15
                                      PLANT TOTAL                                 42

40  1140  244  0049   COND.DORAL PLAZA.RD.19 INT.20.
 01  50200301  11740364             00   19  186.2   63.7                                                  189     1.8           6585
                                      PLANT TOTAL

40  1140  244  0050   ALTA VISTA APT.BLDG 2.CARR.833
 01  50200301  5760126              00   19                                                                189     2.3   210     3294
                                      PLANT TOTAL

40  1140  244  0051   FRITO LAY OF P.R.BO.FRAILES.
 01  10200503  2760054              00   19  187.1   62.3                                                   55      .8   730      456
 02  30200655                       00   19  187.1   62.3                                                   55     1.    300
                                      PLANT TOTAL

40  1140  244  0052   COND.PARKSIDE.AVE SAN PATRICIO CALLE 5
 01  50200301  4720147              00   19  188.1   63.9                                                  144     5.8   216     3292
                                      PLANT TOTAL

40  1140  244  0053   GARDEN HILL ESTATE COND.GUAYNABO EDIF.2
 01  50200501  6760230              00   19  186.1   63.2                                                  171     2.3   210     2469
                                      PLANT TOTAL

40  1140  244  0054   COND.GARDENS.HILLS EST.EDIF 1
 01  50200301  2720040              00   19  191.2   67.9                                                  122     2.5   218     2469
                                      PLANT TOTAL

40  1140  244  0055   HORMIGON.FRA CARIBE INC.CARR.20.AVE.PIN.
 01  30501101                       00   19  187.1   61.7                                                                175
                                      PLANT TOTAL

40  1140  244  0056   IMPERIAL GAS CO.OF PR.CARR 21 KM.4
 01  30699999  4760102              00   19  188.7   61.7                                                   35     1.
                                      PLANT TOTAL

40  1140  244  0057   COND.EL JARDIN.AVE SAN PATRICIO
 01  50200301  5760163              00   19  187.8   63.7                                                  105     2.5   200     2469
                                      PLANT TOTAL

40  1140  244  0058   SAND AND CRUSHED STONE QUARRY.RD.833 K.
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ST  CITY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQDM FORMAT                                       PAGE  36

                                                     UTM                 EMISSIONS IN TONS/YEAR                S T A C K     D A T A
       FIRST                              COMMON  UTM COORDINATES      ESTIMATED          ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC      COMMENTS                  STACK  ZN  HORIZ  VERT    PART     SO2       PART     SO2      HGT-FT   FEET    FEET    F   RATE-CFM
 01  30502001  10760441                   00  19  186.     60.4      83                                      19                     80
                                            PLANT TOTAL              83

40  1140  244  0059  MANSIONES LOS CAOBOS.SAN PATRICIO AVE.
 01  50200301  12760514                   00  19  187.9    62.6                                                     100     2.3   210     2469
                                            PLANT TOTAL

40  1140  244  0060  PLANT.TRATAMIENTO MADERA GARCIA CO. K4.8
 01  10200503                             00  19  187.4    64.7                                                      25     1.    300     1067
                                            PLANT TOTAL

40  1140  244  0061  TORRE DE LOS FRAILES INC.RD.833
 01  50200101                             00  19  188.     60.5                              9999999             108     2.3
                                            PLANT TOTAL

40  1140  244  0062  CONCRETE BATCHING PLANT  BO.FRAILES
 01  30501101                             00  19  185.6    60.3                                          19                     80
                                            PLANT TOTAL

40  1140  244  0063  HORMIGONERA P.R.BO FRAILES GUAYNABO
 01  30501101   SOURCE #1                 00  19  185.6    60.2                                          15
 02  30501199                             00  19  185.6    60.2                                          15
 03  30501155  SOURCE # 3                 00  19  185.6    60.2                                          15
 04  30501199  SOURCE# 4                  00  19  185.6    60.2                                          15
                                            PLANT TOTAL

40  1140  244  0064  COLONIAL COURT COND. R 2 K 6 VILLA CAPAR
 01  50200301                             00  19  186.6    63.7       2                                             512     2.3   210
                                            PLANT TOTAL               2

40  1140  244  0076  MIRLOT COND.SAN PATRICIO AVE.LOTE 7
 01  50200301  3740659                    00  19  186.4    63.7                          1                          126     2.3   210     2267
 02  50200301                             02  19  186.4    63.7                          1                            2     2.3   210     2420
                                            PLANT TOTAL                                  2

40  1140  244  0077  PRODUCTOS DE CEMENTO INC.CARR.1 KM.22.9
 01  30501101  7720203                    00  19  188.2    53.6       3                 43               10                      85
 02  10200403                             00  19  188.2    53.6       1       8          1                           16     1.    380     1276
                                            PLANT TOTAL               4       8         44

40  1140  244  0078  COND.SANTA ANA CARR.ESTATAL #19 KM 0
 01  50200301  1750006                    00  19  184.9    63.3                          1                           75     2.6   210     1511
                                            PLANT TOTAL                                  1

40  1140  244  0079  [illegible] TOWER.CARR.833 & CRISALIDA
 01  50200101  11720320                   00  19  187.2    59.                           1                          130     2.1   210     1511
                                            PLANT TOTAL                                  1

40  1140  244  0080  SANS SOUCI COND. ROAD 19
 01  50200301  3740690                    00  19  186.6    63.7                          1                          170     3.2   218     2460
 02  50200301                             02  19  186.6    63.7                          1                            1     3.2   218     2420
                                            PLANT TOTAL                                  2

40  1140  244  0081  GARDENS HILLS COND.
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ST  CNTY AQCR PLANT  NAME  AND ADDRESS

                                                         UTM              EMISSIONS IN TONS/YEAR                S T A C K      D A T A
  FIRST                              COMMON   UTM COORDINATES          ESTIMATED          ALLOWABLE        PLUME    HEIGHT   DIAM  TEMP     FLOW
POINT   SCC       COMMENTS              STACK  ZN  HORIZ   VERT    PART      SO2        PART      SO2      HGT-FT    FEET    FEET    F   RATE-CFM
 01  50200301   8730234                    00  19  186.5      63.3                               1                        150     2.3    210   1670
                                            PLANT TOTAL                                          1

40  1140  244  0015  PARQUE LOS FRAILES. .
 01  50200301   9730264                    00  19  187.7      60.5                               1                        136     2.3    210   4921
                                            PLANT TOTAL                                          1

40  1140  244  0087  CANTERA SAN ANTONIO GUAYNABO
 01  30502001   9730239                    00  19   83.9      55.6          9                  48               10                       80
 02  30502002                              00  19   83.9      55.6         17                  48               10                       80
 03  30502006                              00  19   83.9      55.6         48                  48               10                       80
 04  30502007                              00  19   83.9      55.6        241                  48               10                       80
                                            PLANT TOTAL                   315                 192

40  1140  244  0089  SAND & CRUSHED STONE QUARRY OP.GUAYNABO
 01  30502001   8730208                    00  19  183.7      52.1         22                  60                        10             85
 02  30502006                              00  19  183.7      52.1         88                  60               10                       80
 03  30502007                              00  19  183.7      52.1        617                  60               15                       80
                                            PLANT TOTAL                   727                 180

40  1140  244  0090  GUAYNABO READY MIX CORP GUAYNABO
 01  30501101   12710064                   00  19  187.3      55.5                               7               10                       85
                                            PLANT TOTAL                                          7

40  1140  244  0091  LOS ROBLES VI.CALLE CAPARRA.V.NEVAREZ.OP
 01  50200301                              00  19  192.6      62.5                               2                        137     2.6    220   6661
                                            PLANT TOTAL                                          2

40  1140  244  0092  COND.PONCE DE LEON.VILLA CAPARRA
 01  50200501                              00  19  185.1      63.1                               2                        150     2.6    210   4535
                                            PLANT TOTAL                                          2

40  1140  244  0093  GUARAGUAO SAND&GRAVEL CARR 833 KM 1.8
 01  30502606              DISTRIBUTER     00  19  183.8      55.5         79                                   30                       80
                                            PLANT TOTAL                    79

40  1140  244  0094  CORP DE CAFETEROS,GUAYNABO
 01  30200201                              00  19  186.       60.           1                        9999999           63     1.2    600   2956
 02  30200201                              00  19  186.       60.           1                        9999999           63     1.2    600   2956
                                            PLANT TOTAL                     2

40  1140  244  0096  VILLA CAPARRA COND. RD.#2.V.CAPARRA
 01  50200501   7730197                    00  19  186.7      64.                               28                        186     2.6    230   4224
                                            PLANT TOTAL                                         28

40  1140  244  0097  ALTOMAR COND.LOMAS VERDE AVE TORRIMAR
 01  50200301                              00  19  186.3      61.4                                                         18     2.3    210   4983
                                            PLANT TOTAL
                                            COUNTY TOTAL                 4657      3517       1162        42

40  1160  244  0003  BETONES INC.ST.2.VAZQUEZ ESQ.F.SANCHEZ
 01  10200503   11730323                   00  19  201.9      46.9                               1                         30     1.5    350    262
 02  10200503                              00  19  201.9      46.9                               1                         30     1.5    350    262
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                   UTM              EMISSIONS IN TONS/YEAR              S T A C K   D A T A
       FIRST                            COMMON  UTM COORDINATES     ESTIMATED       ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC      COMMENTS                STACK  ZN  HORIZ   VERT    PART    SO2      PART    SO2     HGT-FT  FEET    FEET   F    RATE-CFM
 03  10200503                              00   19  201.9    46.9                      1                      30.    1.5   350      262
                                             PLANT TOTAL                               3

40  1180  244  0004  ROCK PRODUCTS INC BO STA BARBARA GURABO
 01  30502531  5740135                     00   19  199.9    58.3      2              52             10                     95
                                             PLANT TOTAL               2              52

40  1130  244  0013  AGGREGADOS GURABO,ROAD 189 KM 9.1
 01  30502501           QUARRYGSELL        00   19  202.8    46.5      4                             20                     80
                                             PLANT TOTAL               4

40  1180  244  0016  SEMICONDUCTORES WESTINGHOUSE.PRIDCO IND
 01  30100599  1730007                     00   19  200.     46.5                                  15                     85
                                             PLANT TOTAL

40  1180  244  0018  RO-OLI ASPHALT CO.INC.BO.JAGUAL
 01  30500201  6760189                     00   19  201.7    45.2                                  18
                                             PLANT TOTAL

40  1130  244  0019  RIVER GRAVEL PROCESSING PLANT.BO.NAVARR
 01  30502001  6760187                     00   19  196.8    45.8     32                             19                    175
 02  10200502  6760187                     00   19  196.8    45.             10                            12      .5   240
                                             PLANT TOTAL              32     10

40  1180  244  0020  COND.EL CAOBO.AVE.SAN PATRICIO J-14
 01  50200101  3730049                     00   19  188.1    63.8                                         117     2.3   210     1646
                                             PLANT TOTAL
                                             COUNTY TOTAL             38     10       55

40  1220  244  0001  BORIQUEN CONTAINER CORP.RD NO.2 KM.85.2
 01  10200401                              00   19  113.8    72.8      3               4                      30     1.6   380     3510
 02  10200403                              00   19  113.8    72.8      4               4                      30     1.6   380     3510
                                             PLANT TOTAL               7               8

40  1220  244  0002  MOLINO DE PUERTO RICO.INC
 01  30200502  6720182                     00   19  111.3    72.4                      4                      85     5.7   110    54600
 02  10200403                              00   19  111.3    72.4      1      7        1                      25     1.    450     1051
                                             PLANT TOTAL               1      7        5

40  1220  244  0005  CENTRAL SOYA DEL NORTE INC.CAR.2 K.83.0
 01  30200731  8760316                     00   19  111.7    72.3                                             30     4.5   175
                                             PLANT TOTAL

40  1220  244  0006  EXT.MAT.CORT.TERRESTRE FELIX GIMORIO
 01  30502501  SAND EXTRACTION             00   19  111.5    72.8      3                             18                     80
                                             PLANT TOTAL               3
                                             COUNTY TOTAL             11      7       13

40  1240  244  0001  CANTERA LA MONSERRATE.RD 344 KM 1.8
 01  30502001  10740340 CRUSHING           00   19  680.2    36.       6              79             23                     80
 02  30502007  10740340 STORAGE            00   19  680.2    36.     348              44             25                     80
                                             PLANT TOTAL             354             123

40  1240  244  0002  CENTRAL EUREKA CAR 114 KM 12.5
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                                                 UTM                   EMISSIONS IN TONS/YEAR                S T A C K    D A T A
        FIRST                                 COMMON  UTM COORDINATES   ESTIMATED        ALLOWABLE           PLUME  HEIGHT    DIAM  TEMP    FLOW
POINT    SCC       COMMENTS                   STACK  ZN  HORIZ   VERT   PART     SO2     PART     SO2        HGT-FT  FEET     FEET   F    RATE-CFM
 01   10201102                                 00         80.1   32.3    340      139
 02   10201102                                 03         80.1   32.3    338      104                                 177     10.    450   127678
 03   10201102                                 03         80.1   32.3    338      104                                 180     10.    450   125369
                                                 PLANT TOTAL            1016      347                                 180     10.    450   125369

40  1240  244  0004  CARLOS BINET MARQUEZ.CARR 309 K.0.2
 01   30502599  WASH AND SEGREGATE G  00  19  78.8    34.3                                               15
                                                 PLANT TOTAL

40  1240  244  0005   TERMINAL PRODUCTS INC.
 01   30199999  CAUSTIC SODA          00  19  79.7    14.1
                                                 PLANT TOTAL

40  1240  244  0006   ALLERGAN AMERICA.BO.JAGUITAS RD.345 KM1
 01   10200501  4760116               00  19  80.5    33.6
                                                 PLANT TOTAL                                                      11      1.

40  1240  244  0012  ASFALTO DEL OESTE,INC CARR #309 KM.02
 01   30500201  1720272               00  19  77.2    34.5     4        2
 02   30500202                        00  19  77.2    34.5   350                                                  30     2.3    150    19490
                                                 PLANT TOTAL             354        2                      20                    60
                                                 COUNTY TOTAL           1724      349      123

40  1280  244  0001  PONCE ASPHALT RD.189 BARRIO COTTO MABO
 03   30500201            DRYER       00  19  215.1   36.    328
 04   30500202            BATCHER     00  19  215.1   36.    150                                                  20     5.     140    24000
                                                 PLANT TOTAL             478                               20                    80

40  1280  244  0003  CANTERA PEREZ,RD 189 KM 26.4  00661
 01   30502001  ROCK CRUSHING         00  19  214.4   36.     30
 02   30502006  HAUL/CONV/SCRN        00  19  214.4   36.    134                                           30                    80
 03   30502002  SEC CRUSH/SCREEN      00  19  214.4   36.     34                                           30                    80
 04   30502003  TERT CRUSH/SCREEN     00  19  214.4   36.    157                                           30                    80
 05   30502007  STOCK PILES           00  19  214.4   36.    435                                           30                    80
                                                 PLANT TOTAL             790                               30                    80

40  1280  244  0006  UNION CARBIDE GRAFITO INC YABUCOA  00767
 01   10200502        TWO BOIL COMB   00      216.8   30.4     2        5
 02   30402004  RE-BAKE FURNACES      00      216.8   30.4    31       55                                     40     2.2    400     4674
 03   30402004  FIRST BAKE FURNACES   00      216.8   30.4             66                                     26     2.8    650     1620
 04   30600103  PREHEATERS SAND STAK  00      216.8   30.4     5        7                                     26     1.2    650      408
 05   50300101  INCINERATOR TRASH     00      216.8   30.4     2        1                                     26      .4    300       41
 06   30402001  GRAPHITIZING (CHI-6)  00      216.8   30.4   184                                              32     1.5   1200     1590
 07   30402602  MIXING (FS 1-5)       00      216.8   30.4    31                                              39    71.7     95   157424
 08   30402003  PITCHING (FS 6-7)     00      216.8   30.4    13                                             150     2.5    136     7599
 09   30402603  PITCHING (FS 8-9)     00      216.8   30.4     2                                              26      .5    295       52
 10   30402003  PITCHING (VS 1-5)     00      216.8   30.4   139                                              20     2.5    130     4251
 11   40300151  WORKING LOSS-KER VAP  00      216.8   30.4                                                    26     1.2    205      128
 12   40301502  WORKING LOSS-GAS VAP  00      216.8   30.4                                         28                    80
 13   40300152  WORKING LOSS-DIESEL   00      216.8   30.8                                          8                    80
                                                 PLANT TOTAL             409      134                       8                    90

40  1280  244  0007  CONCRETERA LUGO INC. KM 76.1 RD 3
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                                                    UTM              EMISSIONS IN TONS/YEAR              S T A C K   D A T A
        FIRST                                COMMON  UTM COORDINATES      ESTIMATED        ALLOWABLE      PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC       COMMENTS                  STACK  ZN  HORIZ   VERT     PART     SO2      PART    SO2   HGT-FT  FEET    FEET   F    RATE-CFM
 01   30501101  6720169                       00  19  223.3   35.9                           46             10                  85
                                               PLANT TOTAL                                   46

40  1200  244  0008  ALONES PEREZ INC. KM 26 HW 4 RD 189
 01   30501120  12710158                      00  19  214.7   37.4                           63              8                  85
                                               PLANT TOTAL                                   63

40  1200  244  0011  HIRAM PEREZ INC     FAJARDO ST RD 3 KM 52
 01   30502601  12710158                      00  19  235.2   53.2     13                    56                     10          85       77
                                               PLANT TOTAL             13                    56

40  1200  244  0017  HORMIGONERA ORIENTAL INC KM 26.4 RD 189
 01   30501101  7740216                       00  19  214.6   36.3                           16              9                  85
                                               PLANT TOTAL                                   16

40  1200  244  0021  BEAUNIT TEXTILES PLANT.MNG.NO.3
 01   10200503  5740146                       02  19  217.7   35.3      1        1
 02   10200403                                02  19  217.7   35.3      2       27                                  28     2.    500     2575
 03   30600103                                00  19  217.7   35.3      2        1                                  28     2.    500     2022
                                               PLANT TOTAL              5       29                                  28     2.    500     2323

40  1200  244  0022  EASTERN SAND INC.BO.CUMETA  HUMACAO
 01   30502501  6730146                       00  19  217.8   34.8                           15             10                  85
                                               PLANT TOTAL                                   15

40  1200  244  0023  RYDER MEMORIAL HOSP.INC.MABO WARD
 01   50200505  2720049                       00  19  216.2   37.3                            1                      1    1.1  1400    20839
                                               PLANT TOTAL                                    1

40  1200  244  0024  TEGRIN INC.K-3 K 76 HUMACAO  P R
 01   10100503  11730336     60HP             00  19  220.5   35.4               1            1                     30    1.    350      810
                                               PLANT TOTAL                       1            1

40  1200  244  0025  TECHNICON ELECTRONICS & REAGENTS
 01   39999999  3720105  SOLDERING            00  19  217.7   35.3
 02   39999999  REAGENT SOLUTION              00  19  217.7   35.3                                                  13    3.3   100     2056
 03   39999999  DRY WEIGHING OF BULK          00  19  217.7   35.3                                                  24    3.     70     8933
 04   39999999  DILUTE SULFURIC ACID          00  19  217.7   35.3                                                  13    1.1    70      899
 05   39999999  DRY PACKING                   00  19  217.7   35.3                                                  13    1.5    70     1168
                                               PLANT TOTAL                                                          13    3.3    75     2056

40  1200  244  0026  CORAL PHARMACEUTICALS DE PUERTO RICO
 01   10300403  7730164                       00  19  219.7   35.8                            1
 02   30199999  GRANULATNG & COATNG           00  19  219.7   35.8                                                  12     .8   250      575
                                               PLANT TOTAL                                            30                         80
                                                                                              1

40  1200  244  0027  SQUIBB MANUFACTURING INC HUMACAO PR
 01   50200101  1720024                       00  19  220.5   35.3    127       45          146
 03   30199999                                00  19  220.1   35.2      5                   140                     42    5.8  1600   112486
                                               PLANT TOTAL            132       45          294                     42    5.8  1335    12528

40  1200  244  0036  SYNTEX P.R.INC.CARR.NO.909 KM.1.1
 01   10200503                                00  19  216.3   34.1                            2                     18    1.2   475
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ST  CNTY ACCT PLANT  NAME AND ADDRESS

                                              UTM               EMISSIONS IN TONS/YEAR              S T A C K    D A T A
          FIRST                        COMMON  UTM COORDINATES    ESTIMATED         ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT      SCC       COMMENTS           STACK  ZN  HORIZ  VERT   PART     SO2      PART     SO2    HGT-FT   FEET   FEET   F   RATE-CFM
                                             PLANT TOTAL                              2

40  1280  244  0037  TOSQUERO FRANUI.BO.CANDELERO ARRIBA.
 01  30502001                          00  19  219.8   37.8     15                 39             10                    70
                                             PLANT TOTAL         15                 39

40  1280  244  0038  TRADE ENTERPRISE INC.ROAD 3 KM.77.5
 01  10201301                          00  19  223.3   35.                                                42     6.   550   20841
                                             PLANT TOTAL

40  1280  244  0039  DENTCO POTS.FACTORY.ROAD NO.3 K.76.9
 01  10200503                          00  19  220.5   35.3              1                                        .8   350   19578
                                             PLANT TOTAL                  1

40  1280  244  0040  BRIDGE OVER RIO BLANCO
 01  30502001  11750355                00  19  220.8   39.4                                       18                   175
                                             PLANT TOTAL

40  1280  244  0041  DENTAL PATS.CORP.STATE ROAD 3 K.76.8
 01  10200503  STEAM BOILER            00  19                                                            20     .8   350
                                             PLANT TOTAL
                                             COUNTY TOTAL      1842      210      534

40  1320  244  0002  KENT HETERS INC.RD.112 K.2.3 ISABELA
 01  30400205  12710145                00  19   89.1   70.6      2                  1                    36    1.6  2192     521
                                             PLANT TOTAL          2                  1

40  1320  244  0005  HORMIGONERA MAYAGUEZANA INC. CAR.494 KM3
 01  30501101                          00  19   91.5   69.2      3                 42             12                    70
                                             PLANT TOTAL          3                 42

40  1320  244  0006  GARCIA CONCRETE INC.BO.ARENALES BAJOS.
 01  30501101                          00  19   81.8   70.3      5                 44             13                    80
                                             PLANT TOTAL          5                 44

40  1320  244  0007  L.GARCIA SAAVEDRA.INC.BO.ARENALES BAJOS
 01  30502001  6750201.                00  19   88.9   73.5     25                 44             17                    80
                                             PLANT TOTAL         25                 44

40  1320  244  0008  JUAN R.ABREU.BO.BAJURAS
 01  30502001  7760286                 00  19   87.3  175.2                                       18                    80
                                             PLANT TOTAL

40  1320  244  0009  EXT.DE ARENA DE CARLOS TORRE.BO.JOBOS
 01  30502001  6760242                 00  19   85.1   74.2                                       18                    80
                                             PLANT TOTAL
                                             COUNTY TOTAL        35                131

40  1340  244  0001  SAN-ANTON REALTY CORP.
 01  10200403  5760162                 00  19  134.3   42.7                                              29    1.3   323    1586
                                             PLANT TOTAL

40  1340  244  0005  BORROW PIT-SAND BO.JAYUYA ABAJO CARR 144
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                                                   UTM                 EMISSIONS IN TONS/YEAR            S T A C K   D A T A
       FIRST                           COMMON  UTM COORDINATES      ESTIMATED         ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT   SCC      COMMENTS               STACK  ZN  HORIZ  VERT     PART    SO2      PART    SO2      HGT-FT  FEET    FEET   F   RATE-CFM
 01  30502599                             00   19  133.    42.8                                        12
                                            PLANT TOTAL

40  1340  244  0006  GRAVERO-CONSTRUCTORA URAMA.CARR.144 K 1
 01  30502001  2760036                    00   19  134.5   44.7                      20                15
                                            PLANT TOTAL                              20

40  1340  244  0007  SAN ANTON BAXTER REALTY CORP.RD 144
 01  30199999  ETHYLENE OXIDE STERI       00   19  134.3   42.8                                               15     2.
 02  30199999  ETHYLENE OXIDE STERI       00   19  134.3   42.8                                               12     2.
 03  30199999  EXTRUSION OF POLYOL        00   19  134.3   42.8                                               11     1.
                                            PLANT TOTAL
                                            COUNTY TOTAL                             20

40  1380  244  0002  NARANJO MARBLE IND. RD 551 KM 2.7 00731
 01  30502001             QUARRY OPER.    00   19  145.3   24.5      6                                 30                  80
 02  30502006   SCREEN/CONV/HNDL          00   19  145.3   24.5     67                                 25                  80
                                            PLANT TOTAL             73

40  1380  244  0003  SOUTH CARIBE AGGREGATES INC.BO COLLORES
 01  30501101  12710116                   00   19  141.5   31.4                      42                10           .      85
                                            PLANT TOTAL                              42

40  1380  244  0004  CARIBCO QUARRIES INC  BO GUAYABAL J D
 01  30502001  3740087                    00   19  145.9   26.7    100               56                15                  85
 02  30502002  SEC CRUSH/SCREEN           00   19  148.1   26.5    168             3520                20                  80
 03  30502003  SECOND CRUSHER             00   19  148.1   26.5    276             3520                40                  80
 04  30502006  SCREEN TOWER               40   19  148.1   26.5     92             3520                20                  80
 05  30502007  STOCK PILES                00   19  148.1   26.5    550             2200                20                  80
                                            PLANT TOTAL           1186            12816

40  1380  244  0011  JUANA DIAZ CONCRETE PRODUCTS.RD.14 KM 19
 01  30501120  4730069 BLOCK MFG.         00   19  150.8   23.2      1               21                10                  85
                                            PLANT TOTAL              1               21

40  1380  244  0012  INABON ASPHALT,RD#14 KM 9.6
 01  30500211
                                          00   19  140.8   24.4    331                                        30     8.9  120    50000
 02  30500202                             00   19  140.8   24.4    240                                 20                  80
                                            PLANT TOTAL            571

40  1380  244  0013  CANTERA CALIXTO DIAZ BO.GUAYABAL J.D.
 01  30502001  1730015                    00   19  144.9   28.2     33               53                10                  85
 02  30502002                             00   19  144.9   28.2                      53                10                  80
 03  30502006                             00   19  144.9   28.2                      53                10                  80
 04  30502007                             00   19  144.9   28.2     13               53                20                  80
                                            PLANT TOTAL             46              212

40  1380  244  0020  INABON AGGREGATES INC.BOX 355 PONCE
 01  30502001
                                          00   19  143.4   24.5     44               44                13                  80
                                            PLANT TOTAL             44               44

40  1380  244  0021  INABON AGGREGATES INC.PR.52 JACAGUAS
 01  30502001  3760075                    00   19  142.2   24.7     52                                 17                 175
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                                                   UTM
        FIRST                                                       EMISSIONS IN TONS/YEAR                S T A C K   D A T A
POINT    SCC      COMMENTS                COMMON  UTM COORDINATES   ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
                                          STACK  ZN  HORIZ  VERT    PART    SO2      PART    SO2      HGT-FT  FEET    FEET   F   RATE-CFM
                                            PLANT TOTAL              52

40  1380  244  0022  INABON AGGREGATES INC.JACAGUAS RIVER
 01  30502011  3760071                      00  19  144.6    24.3                     62              20                    80
                                            PLANT TOTAL                               62

40  1380  244  0023  INABON AGGREGATES INC.PR.52.JACAGUAS R.
 01  30502001  3760075                      00  19  142.7    24.2     6               17              12                    90
                                            PLANT TOTAL               6               17

40  1380  244  0024  DEPOSITO DE ARENA.BARRIO PASTILLO.
 01  30502001  12750397.                    00  19  147.1    24.1    44               51              20                    80
                                            PLANT TOTAL              44               51

40  1380  244  0025  FINCA JACAGUAS.BO.JACAGUAS
 01  30502001  5760137                      00  19  142.3    24.8    16                               20                   175
                                            PLANT TOTAL              16

40  1380  244  0026  COMMONWEALTH AND AMERICAN SAND AND GRAV
 01  30502001  8740234                      00  19  144.8    21.5    12                                      20           175
                                            PLANT TOTAL              12

40  1380  244  0027  INABON AGGREGATES INC.RIO JACAGUAS BED
 01  30502001  9760385                      00  19  138.4    26.2    10                               20                    80
                                            PLANT TOTAL              10

40  1380  244  0028  CANTERA FORESTIER.ROAD 551 K.6 JUANA DIA
 01  30502001                               00  19  147.6    24.5    19                               20                    80
                                            PLANT TOTAL              19
                                            COUNTY TOTAL           2080            13265

40  1420  244  0005  EBANISTERIA RUBEN.BO.MAMEY K.1 CARR 928
 01  30700799  CABINETMAKER.2750057  00  19  206.1    43.4
                                            PLANT TOTAL                                                       15

40  1420  244  0007  EXT.MAT.CORTEZA TERRESTRE.L.E.BERRIOS
 01  30502001  6760225                      00  19  207.8    42.2     1                               17                    80
                                            PLANT TOTAL               1

40  1420  244  0008  EXT.DE ARENA A.SERRANO.BO.VALENCIANO ABA
 01  30502001                               00  19  205.8    42.5     6                               20                    80
                                            PLANT TOTAL               6

40  1420  244  0009  LAS PIEDRAS CONCRETE BLOCK INC R LAS PIE
 01  30501199                               00  19  211.5    39.4
                                            PLANT TOTAL                                               15
                                            COUNTY TOTAL              7

40  1440  244  0001  HORMIGONERA MAYAGUEZANA RD 305 KM 1.8
 01  30501101  9730253                      00  19                                    42              25                    85
                                            PLANT TOTAL                               42

40  1440  244  0006  BETTEROADS ASPHALT CORP.
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                                                 UTM              EMISSIONS IN TONS/YEAR          S T A C K    D A T A
       FIRST                           COMMON  UTM COORDINATES     ESTIMATED         ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT   SCC        COMMENTS             STACK  ZN  HORIZ   VERT    PART     SO2      PART    SO2    HGT-FT  FEET    FEET   F    RATE-CFM
 01  10200502  GENCO OIL FIRE BURNE     00   19   87.     24.8                                       10
 02  30500201                           00   19   87.     24.8                                       10
                                          PLANT TOTAL                                                10

40  1440  244  0007   EXT.DE TERRENOS.FCO.M.FARIA.CARR.116 K.
 01  30502001  2750041                  00   19   87.1    20.9     17                                17                  175
                                          PLANT TOTAL              17

40  1440  244  0008  FRANCISCO M.FARIA CARR.116 KM.0.3 BO.LAJ
 01  30502099                           00   19   86.7    24.
                                          PLANT TOTAL                                                20                   80

40  1440  244  0021  SANSON READY MIX CORP.PR 111 KM 0.6
 01  30501101  1740010                  00   19  105.     49.                         9              30                   80
                                          PLANT TOTAL                                 9
                                          COUNTY TOTAL             17                51

40  1500  244  0001   SIGFREDO VELEZ AND ASSOC.CARR 120
 01  30502001  7750240                  00   19   93.7    45.2      2                 8              20                   80
                                          PLANT TOTAL               2                 8
                                          COUNTY TOTAL              2                 8

40  1520  244  0001  MOLINOS DE P R INC
 01  30200504  10730271                 00   19  210.6    37.9    187                48
 02  10300503                           00   19  210.6    37.9      1      13                            85     6.    110     1876
                                          PLANT TOTAL             188      13        48                  30     1.2   350     2163

40  1520  244  0003  MOLINOS DE P R INC. LAS PIEDRAS P.R.
 01  10300401                           00   19  206.3    44.3    897   11695
 02  30260699                           00   19                                                           30     1.2   450       23
                                          PLANT TOTAL             897   11695                        15

40  1520  244  0005  JOHNSON & JOHNSON BABY PDTS.
 01  30101299                           00   19
 02  10200503                           00   19                                                          35      .7    75     1149
                                          PLANT TOTAL                                                    35     1.    325      800

40  1520  244  0006   REXACH CONCRETE.RD.189
 01  30501101  7750250                  00   19  211.9    39.3
                                          PLANT TOTAL

40  1520  244  0007  C G M INC. R 30 & R 183 LAS PIEDRAS
 01  30502001                           00   19  211.3    38.2
                                          PLANT TOTAL                                                15
                                          COUNTY TOTAL           1085   11700        48

40  1560  244  0005  ALUMINUM EXTRUSION CORP. R-185 KM-.65
 01  30401101                           00   19  208.7    59.8                       12
                                          PLANT TOTAL                                12                  16      .8   205      191

40  1560  244  0005  PUNTA UVERO APARTS.RES-PUNTA UVERO
 01  50200301  1740001                  00   19  216.1    65.7                        2                 150      .2   210     3281
                                          PLANT TOTAL                                 2
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                                                       EPA REGION IV EIS DATA IN AZD1 FORMAT                                 PAGE   45
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                   UTM                EMISSIONS IN TONS/YEAR       S T A C K   D A T A
         FIRST                         COMMON  UTM COORDINATES     ESTIMATED        ALLOWABLE      PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT     SCC      COMMENTS             STACK  ZN  HORIZ  VERT    PART     SO2     PART     SO2    HGT-FT  FEET    FEET   F   RATE-CFM

40  1560  244  0010  VILLA DE LOIZA DEVELOPMENT
 01  30502599  3740062                   00    19  212.6  60.8                       72               5                     75
                                           PLANT TOTAL                               72

40  1560  244  0011  ARMSTRONG PAINTS OF PR  CARR 188 KM.0.7
 01  30101401  7720217                   00    19  211.2 166.7       2                2              20                     80
                                           PLANT TOTAL               2                2

40  1560  244  0012  LUISA AGRICULTURAL LIME R-188 KM-2.4
 01  30501601                            00    19  211.2  66.7      93              300              10                     80
 02  30501602                            00    19  211.2  66.7       6              300              10                     80
                                           PLANT TOTAL              99              600

40  1560  244  0015  AGREGADOS AROS INC.CARR 187 K.5 H.6
 01  30502599                            00    19                                    44              14
                                           PLANT TOTAL                               44

40  1560  244  0016  CLJ REST ENTERPRISES INC.CARR 187 KM 8.
 01  30502001                            00    19  209.2  65.5                       40              10                     30
                                           PLANT TOTAL                               40

40  1560  244  0018  COOP DE ACARREADORES DE AGREGADOS
 01  30502001  4750116                   00    19  209.2  65.5      52                               19                    175
                                           PLANT TOTAL              52
                                           COUNTY TOTAL            153              772

40  1580  244  0002  PLAYA AZUL III.BO.MATA DE PLATANO.
 01  50200301                            00    19  226.   60.8                                                      2.5   210     4346
                                           PLANT TOTAL

40  1580  244  0003  CENTRO DE DIAGNOSTICO Y TRATAMIENTO
 01  50100505  6720198                   00    19  228.1  60.2                        1                      26       1.  1400      270
                                           PLANT TOTAL                                1

40  1580  244  0004  SANDY HILL  LUQUILLO
 01  50200301  12710206                  00    19  228.5  60.4                        1                     123      2.3   220     3330
                                           PLANT TOTAL                                1

40  1580  244  0005  PLAYA AZUL COND.III .
 01  50200101  9720298                   00    19  226.6  60.9                        1                     216      2.6   218     3320
                                           PLANT TOTAL                                1

40  1580  244  0006  BRISAS DEL MAR COND.
 01  50200301  2720091                   00    19  227.8  60.8                        1                     198      2.3   218     1665
                                           PLANT TOTAL                                1

40  1580  244  0007  JUAN R.ZALDUONDO GRIER BO.JUAN MARTIN
 01  30502001  7730175                   00    19  231.6  57.7       4               34               5                     85
                                           PLANT TOTAL               4               34

40  1580  244  0010  LUSAREX CONSTRUCTION INC.KM.33.1 65 INF.
 01  30502001                            00    19  227.2  56.4       2               38              11                     70
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                                        EPA REGION IV EIS DATA IN AQDM FORMAT                     PAGE   46
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                      UTM            EMISSIONS IN TONS/YEAR          S T A C K    D A T A
      FIRST                             COMMON  UTM COORDINATES     ESTIMATED        ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC      COMMENTS                STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2   HGT-FT   FEET    FEET   F   RATE-CFM
                                            PLANT TOTAL              2                 38

40  1580  244  0011  PARADOR BRISAS DEL MAR R 3 BO.JUAN MARTI
 01  30502599                          00  19  227.    59.7                                       15
                                            PLANT TOTAL
                                            COUNTY TOTAL             6                 76

40  1620  244  0003  CANTERA ROCRUZ INC MANATI
 01  30502001         LIMESTO CRUSH    00  19  150.    67.          30                            30                   80
 02  30502006  LIMESTONE HANDLING      00  19  150.    67.          53                            15                   80
 03  30502007                          00  19  150.    67.         598                            30                   80
 04  30502007  STOCK-PILES             00  19  150.    67.         266                            25                   80
                                            PLANT TOTAL            947

40  1620  244  0012  COMBINED INDUSTRIES CARIBE RD.2 KM.49.2
 01  10200503  10740332 BOILER         02  19  146.4   66.4                  1                            20     1.    460     1407
 02  10200503  10740332 BOILER         02  19  146.4   66.4                  1                            20     1.    360     1407
                                            PLANT TOTAL                      2

40  1620  244  0013  EMPRESAS ONEILL INC.CARR.668 KM.3
 01  30501101                          00  19  147.7   67.1                           17          20                   80
                                            PLANT TOTAL                               17

40  1620  244  0014  SCHERING CORP.
 01  10200402  BOILER                  03  19  148.8   67.3          4      46                            65     3.    500     5433
 02  10200402  BOILER                  03  19  148.8   67.3          4      46                            65     3.    500    15433
 03  10200402  BOILER (STANBY)         03  19  148.8   67.3          4      46                            65     3.    500     5433
                                            PLANT TOTAL             12     138

40  1620  244  0020  DAVIS AND GECK DE P.R. INC.RD.NO.2 K.472
 01  50300102                          00  19  148.3   66.6                                               55     1.7    72     2387
                                            PLANT TOTAL

40  1620  244  0021   R.P.INC.INT.CARR.NO.670 Y 686 BO.COTO
 01  30502099  11750382                00  19  147.2   66.1                                       20                   80
                                            PLANT TOTAL

40  1620  244  0022   MASTER CONCRETE CORP.COTTC NORTE BO.
 01  30501199  STOCK PILES.4750136     00  19  148.5   67.4                           34          15
 02  30501199  AGGREGATE BINS          00  19  148.5   67.4                           34          15
 03  30501199  CIMENT SILO STORAGE     00  19  148.5   67.4                           12          20
                                            PLANT TOTAL                               80

40  1620  244  0023   FINCA CUBANO.CARR.MARCHIQUITA KM.4.2
 01  30502001  3760083                     19  145.8   66.2         22                            16                   80
                                            PLANT TOTAL             22

40  1620  244  0024   ROCHE PDTS.INC.CARRS.670 Y 686 MANATI.
 01  10200402  3760091                 00  19  148.9   65.9                                               32     2.    360     9875
                                            PLANT TOTAL

40  1620  244  0025   EXT.ISMAEL RIOS ARROYO.CARR.686 K.1.0
 01  30502001  4760111                 00  19  149.1   67.9         25                            18                   80
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                                                     UTM                   EMISSIONS IN TONS/YEAR                  S T A C K   D A T A
       FIRST                                  COMMON  UTM COORDINATES    ESTIMATED          ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP    FLOW
POINT   SCC      COMMENTS                      STACK  ZN  HORIZ  VERT    PART     SO2       PART     SO2    HGT-FT  FEET   FEET   F    RATE-CFM
                                                     PLANT TOTAL            25

40  1620  244  0026  CANTERA GUAYANEY INC..VAYANEY.COTO NORTE
 01  30502001  1760015                  00  19  151.7   68.5   103                                 18                   80
                                              PLANT TOTAL      103

40  1620  244  0028  GEN ELECTRIC IND.PROD.INC K47.5 R 2 MANA

40  1640  244  0001  COLUMAIN TRAVENOL LAB. RD.NO.357 KM.0.8
 01  10200403  3720114                  00  19   94.    39.3     1       12        1                       29    1.4   420     1901
                                              PLANT TOTAL        1       12        1
                                              COUNTY TOTAL    1110      152       98

40  1660  244  0005  CANTERAS LEON INC.BO.MATULLAS.
 01  30502001                           00  19  203.2   20.9   186                73               12                   70
                                              PLANT TOTAL      186                73

40  1660  244  0007  CENTRO DE DIAGNOSTICO Y TRATAMIENTO
 01  50100505  10760449                 00  19  208.3   19.7                                                6    1.1   206      412
                                              PLANT TOTAL

40  1660  244  0008  CANTERA LEON INC.BO.MATUYAS K.M 8.4
 01  30502001                           00  19                  25                                 19                   80
                                              PLANT TOTAL       25

40  1660  244  0011  COARSE Y SAND AGGREGATES INC.R 759 K.3 H
 01  30502599                           00  19  208.    18.7                                       15
                                              PLANT TOTAL
                                              COUNTY TOTAL     211                73

40  1700  244  0001  CORRADINI FORESTIER INC CARR 105 K 1 H 1
 01  30502001  7750238                  00  19   85.3   35.6    13                56               20                   80
 03  30502006                           00  19   85.3   35.6    27                                 20                   80
 04  30502007                           00  19   85.3   35.6   269                 ,               20                   80
                                              PLANT TOTAL      309                56

40  1700  244  0002  ASFALTO MAYAGUEZANO CARR 114 KM 189.5
 01  30500201                           00  19   76.5   37.5   163
 02  10200503  ASPHALT HEATER           00  19   76.5   37.5     1       32                                16    2.3   140    16214
 03  30500202  STOCK PILES              00  19   76.5   37.5   109                                         16    2.3   140     1296
                                              PLANT TOTAL      273       32                                16    2.3   140      400

40  1700  244  0004  SUPER A FERTILIZER WORK  RD.2 KM.146.7
 01  30102902  5740124                  00  19   75.5   48.9                                      15
                                              PLANT TOTAL

40  1700  244  0005  CERVECERIA INDIA MAYAGUEZ BOX 1690 00708
 01  10200402  BOILER                   00  19   77.5   41.8     1       75                                30    3.5   400    10032
 03  30200503  TWO UNITS                00  19   77.5   41.8                                      25                   100
 04  10200402  BOILER                   00  19   77.5   41.8     1       84                                65    1.5   400    11908
                                              PLANT TOTAL        2      159

40  1700  244  0006  PRRA-MAYAGUEZ,BO.MALECON
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ST  CNTY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQDM FORMAT
                                                                                                                    PAGE   48
                                            UTM
        FIRST                      COMMON  UTM COORDINATES     EMISSIONS IN TONS/YEAR           S T A C K   D A T A
POINT    SCC      COMMENTS          STACK  ZN  HORIZ   VERT    ESTIMATED      ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP    FLOW
                                                               PART   SO2    PART    SO2     HGT-FT   FEET   FEET   F    RATE-CFM
 01  20100101                        02    19   77.5   42.6     78    684                              40     9.6   930   272164
 02  20100101                        02    19   77.5   42.6     78    684                              40     9.6   930   272164
 03  20100101                        04    19   77.5   42.6     45    215                              60    10.    800   319339
 04  20100101                        04    19   77.5   42.6     45    215                              60    10.    800   319339
 05  20100101                        00    19   77.5   42.6     23    128                              20     6.8   600   161616
                                       PLANT TOTAL             269   1926

40  1700  244  0007  CENTRAL IGUALDAD STATE RD 2 KM 176.5
 01  10201102  BOILER NO 1           03         75.8   49.      40                                    180    10.    400    16022
 02  10201102  BOILER NO 2           03         75.8   49.      43                                    180    10.    400    17398
 03  10201102  BAGASSE               03         75.8   49.      72    187                             180    10.    400    42243
 04  10201102  BAGASSE               00         75.8   49.      34     87                             100     5.    400    19696
 05  10201102  BAGASSE               00         75.8   49.     100    260                             100     5.    400    58608
                                       PLANT TOTAL             289    534

40  1700  244  0008  AUTORIDAD DE LAS FUENTES FLUVIALES.
 01  10100501  GAS TURBINE POWER BL  00    19   75.4   43.1      6    233                              40     9.6   930   547393
 02  10100501  INDUSTRIAL GAS TURBI  00    19   75.5   43.1      4    154                              90     8.    700   638678
 03  10100501  JT-3C6 JET ENGINE     00    19   75.5   43.1      1     51                              23     9.2   690   161616
 04  10100501  GAS TURBINE POWER BL  00    19   75.4   43.1      6    233                              40     9.6   930   547393
 05  10100501  GAS TURBINE POWER BL  00    19   75.4   43.1      6    233                              40     9.6   930   547393
 06  10100501  GAS TURBINE POWERBLG  00    19   75.4   43.1      6    233                              40     9.6   930   547393
 07  10100501  INDUSTRIAL GAS TURBI  00    19   75.4   43.1      4    154                              90     8.    700   638678
                                       PLANT TOTAL              33   1445

40  1700  244  0009  ASFALTO MAYAGUEZANO CARR.114 K.0 H.5 BO.
 01  30500201  ASPHALT CONCRETE FAB  00    19   76.4   37.8    700                           20                     80
                                       PLANT TOTAL             700

40  1700  244  0011  MAYAGUEZ RDY MIX CONCRETE MAYAGUEZ 00708
 01  30501101  12710038 BATCHG SILO  00    19   75.8   43.1      1                                     35     1.1    80      300
                                       PLANT TOTAL               1

40  1700  244  0012  HORMIGONERA MAYAGUEZANA RD 114 KM.5 HM.5
 01  30501101  WEIGHTING HOPPER L S  00    19   76.5   36.8                    53            10                     85
                                       PLANT TOTAL                             53

40  1700  244  0014  KATHDON TOWERS COND.LAS FLORES ST. MAY
 01  50200301  4730087
                                     00    19   77.3   41.6                     1                      17     2.6   218     1665
                                       PLANT TOTAL                              1

40  1700  244  0016  WESTERN IND.PARK  KM.3.5. EL MANI
 01  30502501  4740108 SAND EXTRACT  00    19  174.2   44.9      1             42            30                     85
                                       PLANT TOTAL               1             42

40  1700  244  0022  STAR-KIST CARIBE INC.MALECON ROAD
 01  30201203  12710130
                                     00    19   75.3   43.3                    15                      30     3.5   130     5724
 02  10200402
                                     00    19   75.3   43.3      3     29       5                      30     3.    450     4000
                                       PLANT TOTAL               3     29      20

40  1700  244  0023  DEL MONTE DE PUERTO RICO BO.MALECON
 01  10200402  12710072
                                     00    19   74.8   43.4      3     31       5                      40     4.5   550     7213
                                       PLANT TOTAL               3     31       5
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                                                  UTM              EMISSIONS IN TONS/YEAR              S T A C K   D A T A
       FIRST                           COMMON  UTM COORDINATES     ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC      COMMENTS               STACK  ZN  HORIZ  VERT   PART     SO2      PART     SO2     HGT-FT  FEET    FEET   F   RATE-CFM
40  1700  244  0027  CARIBE FEED MILLS INC. (SUBS.CAFETERO)
 01  30200899  CLOSED ON SEPT 74         00  19   77.2    41.8
 02  10200403  CLOSED ON SEPT-74         00  19   77.1    41.8                                              15       .5
 03  30299999  CLOSED ON SEPT.74         00  19   77.2    41.8                                              30      1.    200     374
                                               PLANT TOTAL                                                  30      3.7   200

40  1700  244  0030  CANTERA ROSARIO.BO.ROSARIO ALTO. RD.119
 01  30502001                            00  19   82.3    36.6
                                               PLANT TOTAL                                          12                     70

40  1700  244  0032  GRAVERO MAYAGUEZANO INC.CARR.2 KM.176.0
 01  30502001  4760120                   00  19  175.6    47.      46               52
                                               PLANT TOTAL         46               52              19                     80

40  1700  244  0034  COMMONWEALTH PROCESSING CORP.
 01  50200101  4720142                   00  19   77.4    35.1              19
                                               PLANT TOTAL                  19                               21      2.   1000    3827

40  1700  244  0035  SULTANA CRACKER PLANT.RD.2 K.184.2
 01  10200503  7760251                   00  19   76.3    38.4
                                               PLANT TOTAL                                                   25      1.    600    3871

40  1700  244  0036  COND.ALTURAS DE MAYAGUEZ.
 01  50200301  6740171                   00  19
                                               PLANT TOTAL                                                  108      2.5   218

40  1700  244  0076  DOMENECH COND.LAS FLORES ESQ.NEREIDA
 01  50200301  3720120                   00  19   77.3    41.6      2                 1
                                               PLANT TOTAL          2                 1                      65      2.1   160    2268

40  1700  244  0077  MARISOL COND.MCKINLEY ST 250
 01  50200301  5720177                   00  19   76.6    41.6      2                 1
                                               PLANT TOTAL          2                 1                      50      2.    160    2160

40  1700  244  0078  WESTERN FEDERAL SAVING BLDG.MCKINLEY ST
 01  50200301  4730094                   00  19   41.6    77.1      1                 1
                                               PLANT TOTAL          1                 1                       9      2.6   160    2425

40  1700  244  0079  COND.RESIDENCIAL VISTA VERDE C.AMATISTA
 01  50200301  3740074                   00  19   76.4    39.4                        1
                                               PLANT TOTAL                            1                     117      2.1   210    2783

40  1700  244  0083  DOMENECH CONDOMINIUM       MAYAGUEZ
 01  50200301  3720120                   00  19   77.2    41.5                        1
                                               PLANT TOTAL                            1                      65      3.3   210    3603

40  1700  244  0084  FED DE ASOC.PECUARIAS            MAYAGUEZ
 01  10200403           SMALL BOILER     00  19   75.     43.5              3
 02  10200403  BOILER TO BE STARTED      00  19   75.     43.5                                               25      1.    350     218
 03  30200501  SILO (MARINE TOWER)       00  19   75.     43.5                                               25      1.    350     218
 04  30200502  PELLETS AREA              00  19   75.     43.5      1                                   80                     80
 05  30200501  FINISH GOODS              00  19   75.     43.5                                          30                     80
                                                                                                        30                     80
                                                  EPA REGION IV EIS DATA IN NEDS FORMAT                                PAGE   50
ST  CNTY AQCR PLANT  NAME  AND ADDRESS

                                                    UTM               EMISSIONS IN TONS/YEAR              S T A C K    D A T A
         FIRST                          COMMON  UTM COORDINATES     ESTIMATED        ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS              STACK  ZN  HORIZ  VERT     PART    SO2      PART     SO2     HGT-FT   FEET    FEET   F   RATE-CFM
 06   30200503  CORN CLEANING AREA      00   19    75.     43.5      1                                30                    80
                                             PLANT TOTAL             2        3

40  1700  244  0090  ELI LILLY & CO INC PO BOX 1740 MAYAGUEZ
 01   10200502          INDUS BOILER    00   19    75.3    48.5      1       36                                 28   1.8   300     4383
 02   50301599  WASTE 1 PCT COMBUST     00   19    75.3    48.5      5        2                                 38   2.5  1385    10500
 03   50300599  THERMAL VORTEX INCIN    00   19    75.3    48.5                                         35                  3000
                                             PLANT TOTAL             6       38
                                             COUNTY TOTAL         1942     4216      234

40  1720  244  0001   PORZAC INC. CARR.NO.110 INTERC. RD.111
 01   10100503  11730310                00   19   180.7    62.6                         1                        7    .3   350     1531
                                             PLANT TOTAL                                1
                                             COUNTY TOTAL                               1

40  1740  244  0001  BERGAR AGGREGATES INC RD.567 KM 4.5
 01   30501101  11730321                00   19   151.7    52.8     14                 61             30                    85
                                             PLANT TOTAL            14                 61

40  1740  244  0005   MOROVIS TEXTURING INC.RD.155 KM.48.7
 01   30102499                          00   19                                         9
                                             PLANT TOTAL                                9

40  1740  244  0006   EXT.DE ARENA HERMINIA REYMUNDI.TORRECIY
 01   30502001  27600039                00   19   150.6    55.1     33                 49             20                    80
                                             PLANT TOTAL            33                 49

40  1740  244  0007   SAND EXCAVATION IN SAN LORENZO RIVER
 01   30502001  47500192                00   19   154.1    53.9      4                                17                    80
                                             PLANT TOTAL             4
                                             COUNTY TOTAL           51                119

40  1780  244  0004  LEVADURA CARIBE INC.CARR.192 KM.3
 01   30201999  12710112 DESERT MFG.    00   19   227.3    40.9                         7                       25   1.    86     1329
 02   10200405                          00   19   227.3    40.9                         2                       27   1.   450      814
                                             PLANT TOTAL                                9

40  1780  244  0005  RANSBURG MFG.CORP. NAGUABO
 01   40200101  77300205                00   19   226.9    42.5                                                 17   2.8    80     9255
                                             PLANT TOTAL

40  1780  244  0010  AMPLIACION COMUNIDAD DAGUAO.CARR 3 K.60
 01   30502599                          00   19   234.3    45.7
                                             PLANT TOTAL

40  1780  244  0011   BRIDGE OVER ANTON RUIZ RIVER.
 01   30502031  11750356                00   19   225.8    38.1                                       18                   175
                                             PLANT TOTAL

40  1780  244  0012  EXT.RAMOS RIVERO-DIPLO-
 01   30501101                          00   19   226.4    42.3     48                                20                    80
                                             PLANT TOTAL            48
                                             COUNTY TOTAL           48                  9
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ST  CITY AQCR PLANT  NAME AND ADDRESS

                                                    UTM            EMISSIONS IN TONS/YEAR            S T A C K     D A T A
       FIRST                      COMMON UTM COORDINATES       ESTIMATED          ALLOWABLE       PLUME  HEIGHT    DIAM  TEMP     FLOW
POINT   SCC     COMMENTS           STACK    ZN HORIZ    VERT  PART     SO2       PART     SO2    HGT-FT   FEET     FEET   F   RATE-CFM

40   1820  244  0001  PLANTA DE BLOQUES EL ABANICO RD 152 KM 9
 01   30500399  5740104  BLOCK MFG.   00    19 168.7     45.6                          1              10                    80
                                        PLANT TOTAL                                    1

40   1620  244  0005   QUALITY CONCRETE-MIX INC.INT.CARR.165
 01   30501101  5760750               00    19 174.2     52.3                                         20                    80
                                        PLANT TOTAL
                                        COUNTY TOTAL                                   1

40   1800  244  0005  TICO BANANA CO.INC.CARR.155 KM.28.6
 01   10200402                        00    19                                                                18     1.6   400
                                        PLANT TOTAL
                                        COUNTY TOTAL

40   1630  244  0001  TERRASA SAND AND GRAVEL.CARR.3 KM.124.8
 01   30502001  10740328.CRUSH        00    19 195.8     19.1                         43              15                    80
 02   30502007  10740328 STORAGE      00    19 195.8     19.1        4                43              15                    80
                                        PLANT TOTAL                  4                86

40   1880  244  0003  PATILLAS HOSIERY MILLS RD.181 KM.122.9
 01   10200403  1220034               00    19 197.      21.3                 4        2                      32     1.5   400     2135
                                        PLANT TOTAL                           4        2

40   1880  244  0006  PATILLAS CONCRETE.BO.CACAO BAJO.CARR.3
 01   30502999                        00    19                                        17              13
                                        PLANT TOTAL                                   17
                                        COUNTY TOTAL                 4        4      105

40   1900  244  0001  PRWRA-SOUTH COAST,BARRIO TALLABOA
 01   10100401                        02    19 118.3     18.8      235    1364                              155     9.9   340    90115
 02   10100401                        02    19 118.3     18.8      235    1364                              155     9.9   340    90115
 03   10100401                        04    19 118.3     18.6      370    1840                              205     7.3   315   142529
 04   10100401                        04    19 118.3     18.8      370    1840                              205     7.3   315   142529
 05   10100401                        06    19 118.3     18.8     1408    8716                              250    10.4   295   273596
 06   10100401                        06    19 118.3     18.8     1408    8716                              250    10.4   295   273596
 07   20100101                        00    19 118.3     18.8      155    1279                               40     9.6   930   544328
 08   20100101                        00    19 118.3     18.8       27      50                               23     9.2   690   188110
                                        PLANT TOTAL               4208   25169

40   1500  244  0002  UNION CARBIDE PUNTA RD & RT 127 00731
 01   20200201       GAS TURBINE      00       119.1     18.8        2      39                               50      7.   500   100000
 02   20200201  GAS TURBINE           00       119.9     18.8        2      39                               50      7.   500   100000
 03   10299998  DRIPOLEN 3/7          00       119.7     18.5                                                 50     3.5   630    22500
 04   10299998  DRIPOLENE             00       119.7     18.5                                                 50     3.5   630    22500
 05   20200402  DIESEL ENGINE 3/2     00       119.7     18.4       17       2                               18      .7   830     1300
 06   10200401     RESIDUAL OIL       00       119.7     18.4       25     314                              160     7.8   300   111700
 07   10200401     RESIDUAL OIL       00       119.7     18.4       25     314                              160     7.8   300   111700
 08   10200401     RESIDUAL OIL       00       119.7     18.4       25     314                              160     7.8   300   111700
 09   39999998          C9 RESIDUES   00       119.7     18.4      108      26                               83      6.   560   152000
 10   10100501  TESTS ONLY 3/8        00       121.7     18.3                1                               35    13.4   960   459000
 11   30600104  FUEL GAS              00       119.7     18.4                3                              102      6.   662    23600
 12   30600103  HYDROTREAT REC HEATE  00       121.7     16.3               21                              105     6.5   800    15900
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ST CNTY AQCR PLANT NAME AND ADDRESS

EPA REGION IV EIS DATA IN AQDM FORMAT

POINT	FIRST SCC	COMMENTS	COMMON STACK	UTM ZN	UTM COORDINATES HORIZ	UTM COORDINATES VERT	EMISSIONS IN TONS/YEAR ESTIMATED PART	EMISSIONS IN TONS/YEAR ESTIMATED SO2	EMISSIONS IN TONS/YEAR ALLOWABLE PART	EMISSIONS IN TONS/YEAR ALLOWABLE SO2	STACK DATA PLUME HGT-FT	STACK DATA HEIGHT FEET	STACK DATA DIAM FEET	STACK DATA TEMP F	STACK DATA FLOW RATE-CFM
13	30600104	FUEL GAS	00		119.7	18.4		1				54	3.	1400	8151
14	30600104	FUEL GAS	00		119.7	18.4		4				83	6.	560	22800
15	30600104	FUEL GAS TETRALIN HEA	00		121.7	16.3						70	5.5	590	35600
16	20200402	KEROSENE	00		119.7	18.4	23	127				58	10.1	392	216000
17	30600104	DEHYDROGEN HEATER 2/5	00		121.7	18.3						38	2.	500	2294
18	50300102	INCINERATOR 12/1	00		121.7	18.3					50			80	
19	30190099	LIQ RESIDUE BURN 3	00		121.7	18.3					30			80	
20	30199999	DOWNTHERM VENT 2/4	00		121.7	18.3						26	.3	86	15
21	40399999	RESIDUE STOR TANK 2	00		121.7	18.3					16		.5	80	3
22	40300106	KEROSENE BREATH LOS	00		121.7	18.3					14			80	
23	40300107	NO 2 FUEL BREATH-2	00		121.7	18.3					24			80	
24	30199999	FILTER REPULPER 4/1	00		121.7	18.3						30	8.3	87	297
25	30190099	WASTE GAS FLARE 4/2	00		121.7	18.3		4				100	1.2	1800	2750
26	40400199	MIXED ALDEHYDES 4/3	00		121.7	18.3						25	2.	86	1
27	40400199	MIXED ALDEHYDE 4/4 T	00		121.7	18.3						25	2.5	86	1
28	40400199	MIXED ALDEHYDE 4/5 T	00		121.7	18.3						25	2.	86	1
29	40400199	MIXED ALDEHYDE 4/6 T	00		121.7	18.3						25	3.	86	1
30	30199999	ISO COL CONTROL VENT	00		121.7	18.3						60	.1	86	83
31	30190099	FUEL&WASTE GAS 5/3	00		121.7	18.3					260			220	
32	30190099	FUEL&WASTE GAS 5/3	00		121.7	18.3					260			220	
33	30199999	CATALYST REGEN 5/6 4	00		121.7	18.3					35			220	
34	49099999	TETRALIN TNK VENT 6/	00		121.7	18.3						65	.1	225	1
35	30199999	STM VENT GYCOLS 6/2	00		121.7	18.3						75	.8	212	16
36	30199999	DISTILL EVA SYS 6/3	00		121.7	18.3						45	.2	212	56
37	30199999	EVAC SYS CONC 6/4	00		121.7	18.3						50	.2	410	57
38	30199999	GYCOL REFIN COL JET	00		121.7	18.3						75	.3	350	86
39	30199999	FORECOLUMN EVAC JET	00		121.7	18.3						45	.3	300	45
40	30199999	DGYCOL REFIN COL JET	00		121.7	18.3						45	.3	300	45
41	30199999	TRIGYCOL EVAP JET 6/	00		121.7	18.3						45	.3	300	35
42	30199999	EVAP EFFECT JET 6/8	00		121.7	18.3						60	.7	295	1
43	30199999	EVAP CALANDRIA VENT	00		121.7	18.3						50	.7	338	10
44	30199999	EVAP CALADRIA VENT 6	00		121.7	18.3						53	.7	320	1
45	30199999	CONDENSATE TNK VENT	00		121.7	18.3						75	.3	225	1
46	30199999	PROCESS H2O VENT 6/1	00		121.7	18.3						50	2.	265	12
47	30199999	TRIGYCOL REAC VENT 6	00		121.7	18.3						30	.2	390	14
48	30199999	C TRAP STM OUT 6/10	00		121.7	18.3						15	.2	212	358
49	40400199	ZGYCOL ETHER ST TNK	00		121.7	18.3						30	.5	86	7
50	40400199	CRUDE EIG ST TNK 6/1	00		121.7	18.3					16			86	
51	40400199	ETHANOL REC TNK 6/22	00		121.7	18.3						40	.1	100	1
52	30199999	REFINING COL VENT 6/	00		121.7	18.3						45	.2	300	23
53	30199999	REFINING COL VENT 6/	00		121.7	18.3						45	.2	300	23
54	30199999	POLYETHYLENE HANDLING	00		121.7	18.3								132	1700
55	40400199	ISOPROPANOL TNK VENT	00		121.7	18.3						16	.8	140	1
56	40400199	ACRYLATE SURGE TK VT	00		121.7	18.3						16	.8	140	1
57	40400199	ISOPROP SURG TK VT 7	00		121.7	18.3						16	.8	140	1
58	30199999	REAC ETHER VT(3) 7/5	00		121.7	18.3						50	.1	482	13
59	30199999	REAC ETHER VENT 7/6	00		121.7	18.3						50	.1	437	13
60	30199999	CUMENE CHP DECOMP 8/	00		121.7	18.3									
61	40400199	ACETONE RUNNING TNK	00		121.7	18.3						25	.3	72	5
62	40400199	RESIDUES TNK 324 8/3	00		121.7	18.3						25	.3	47	1
63	30199999	CHARCOAL ABSRB VT 8/	00		121.7	18.3						55	2.	55	10650
64	40400199	PHENOL RUNNING TNK12	00		121.7	18.3						25	.1	87	5
65	30199999	REFLUXDRUM VENT 8/9	00		121.7	18.3						100	.1	87	1

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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                 UTM                EMISSIONS IN TONS/YEAR              S T A C K    D A T A
        FIRST                       COMMON  UTM COORDINATES       ESTIMATED          ALLOWABLE          PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS           STACK  ZN  HORIZ  VERT      PART     SO2       PART     SO2       HGT-FT   FEET    FEET   F    RATE-CFM
  66  30199999  REFLUX DRUM VENT 6/1  00         121.7   18.3                                                   100      .2    87        1
  67  40400199  TNK BREATH VT 3/11    00         121.7   18.3                                                    26      .3    67        1
  68  40400199  WASTE ACETONE VT 6/1  00         121.7   18.3                                                    26      .3    87        1
  69  30199999  SKIMMER PIT 9/1       00         121.7   18.3                                            2                     80
  70  30199999  ALCL3 STR BIN 9/4     00         121.7   18.3       1                                            40      .3    68      230
  71  30199999  PRILL TWR EXHAUST(2)  00         121.7   18.3      50                                           150     4.7   105    30000
  72  30199999  PCV-44 TO ATM 10/3    00         121.7   18.3                                           80                    176
  73  40400199  C 9 STR 11/2        3 00         121.7   18.3                                                    42     1.5    82        4
  74  40400199  DRIPOLENE 2 TNK 11/3  00         121.7   18.3                                                    42     1.5    82       21
  75  40400199  ISOBUTANOL(2) 11/4    00         121.7   18.3                                                    30     1.     82        2
  76  40400199  N-BUTANOL(2) 11/5     00         121.7   18.3                                                    30     1.     82        5
  77  40400199  POLYGYCOL STR 11/6A   00         121.7   18.3                                           30                     83
  78  40400199  C 4 STR 11/6B         00         121.7   18.3                                                    30     1.     83        5
  79  49099999  BARGE LOAD CELLUSOL   00         121.7   18.3                                           30                     80
  80  49099999  BARGE LOAD PHENOL 11  00         121.7   18.3                                           40                     80
  81  40400199  DRIPOLENE STR 11/8    00         121.7   18.3                                                    38     1.     82        1
  82  40400199  BENZENE(2 TNK) 11/9   00         121.7   18.3                                                    48     1.5    82      268
  83  40400199  BENZENE 11/10         00         121.7   18.3                                                    48     1.5    82        1
  84  40400199  METHANOL STR(3) 11/1  00         121.7   18.3                                                    48     1.     82      200
  85  40400199  ISOPROPANOL STR 11/1  00         121.7   18.3      40                                            48     1.     82       20
  86  40400199  SLOP TNK 1 11/14A     00         121.7   18.3                                                    42     1.     82       28
  87  40400199  SLOP TANK 2 11/14B    00         121.7   18.3                                                    32      .7    62       19
  88  40400199  NAPHTHA STR 1 11/15A  00         121.7   18.3                                           40                     90
  89  40400199  NAPHTHA STR 2 11/15A  00         121.7   18.3                                           40                     90
  90  40400199  NAPHTHA STR 3 11/15A  00         121.7   18.3                                           40                     90
  91  40400199  NAPHTA STR 1 11/15B   00         121.7   18.3                                           24                     90
  92  40400199   NAPHTHA STORAGE 1    00         121.7   18.3                                           24                     90
  93  40400199   CRUDE & REFINED BTX  00         121.7   18.3                                           24                     90
  94  40400199   CRUDE & REFINED BTX  00         121.7   18.3                                           24                     90
  95  40400199   CRUDE & REFINED BTX  00         121.7   18.3                                           24                     90
  96  40400199   CRUDE & REFINED BTX  00         121.7   18.3                                           24                     90
  97  40400199   CUMENE (2 TANKS)     00         121.7   18.3                                                    48     1.5    82       80
  98  40400199   CUMENE STORAGE-3     00         121.7   18.3                                                    32     1.    120        8
  99  40400199   ETHANOL STORAGE      00         121.7   18.3                                                    28     1.5    82      200
                                       PLANT TOTAL              318     1209

40  1900  244  0003  SANSON READY MIX CORP PLANT 2  TALLABOA
 01  30501101  12710036               00  19  121.2   19.8                       17                 10                     85
                                       PLANT TOTAL                               17

40  1900  244  0010  SOUTH P.R.AGGREGATES CORP.CARR.385 K.3.5
 01  30502001                         00  19  121.1   19.8      20               31                 13                     70
                                       PLANT TOTAL               20               31

40  1900  244  0011   TALLABOA IND.BD.TALLABOA
 01  30502001  3760314                    19  121.8   21.2      36                                            13           70
                                       PLANT TOTAL               36

40  1900  244  0012  GUAYANILLA SHELL BULK PLANT
 01  30600805  STORAGE TANK No.2      00  19  122.4   17.9                                          16                     80
 02  30600805  STORAGE TANK No.3      00  19                                                        15                    800
 03  30600805  STORAGE TANK No. 4     00  19                                                        20                     80
 04  30600805  STORAGE TANK No.5      00  19                                                        17                     80
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                  UTM                EMISSIONS IN TONS/YEAR             S T A C K    D A T A
         FIRST                       COMMON  UTM COORDINATES      ESTIMATED         ALLOWABLE         PLUME  HEIGHT    DIAM  TEMP    FLOW
POINT     SCC       COMMENTS          STACK  ZN  HORIZ  VERT     PART     SO2      PART     SO2     HGT-FT   FEET    FEET    F   RATE-CFM
 05  30600705  STORAGE TANK NO.6       00   19                                                      16                      80
                                         PLANT TOTAL

40   1500  244   0013  GUAYANILLA SHELL BULK PLANT BO TALL
 01  40300102                          00   19  119.3    19.                                        15
 02  40300102                          00   19  119.3    19.                                        15
 03  40300102                          00   19  119.3    19.                                        15
 04  40300102                          00   19  119.3    19.                                        15
 05  40300102                          00   19  119.3   419.6                                       15
                                         PLANT TOTAL

40   1500  244   0105  CARMEN ENTERPRISES RD#2 + #385 PENUELAS
 01  10200799          PLT FUEL GAS    02   19  121.3    19.6      2       21                              190     7.5   300    43564
 02  10200799  PLANT FUEL GAS          02   19  121.3    19.6      2       21                              190     7.5   300    43564
 03  30600104  HEATER USING PLT GAS    00   19  121.3    19.6      1                                        66     1.8   277      135
 04  30600999  PLT FUEL GAS FLARE      00   19  121.3    19.6                                              125     1.2   110       34
 05  30600999  PLT FUEL GAS FLARE      00   19  121.3    19.6                                              150     2.    100       38
                                         PLANT TOTAL               5       42

40   1500  244   0106  PEERLESS PETROCHEMICALS   BO.TALLABOA
 01  30600103  12710087                00   19  119.     17.6      7      118                              108     4.8   700    19600
 02  40399999  TANK 2 RAFFINATE        00   19                                                      30                     80
 03  40399999  TANK 3 BENZOLENE        00   19                                                      27                     80
 04  40300112  TANK 4  HEXANE          00   19                                                      27                     80
 05  40300112  TANK 5                  00   19                                                      30                     80
 06  40300112  TANK 6                  00   19                                                      30                     86
 07  40300111  TANK 8                  00   19                                                      30                     80
                                         PLANT TOTAL               7      118

40   1500  244   0108  TITO CASTRO READY MIX. BO SOUCH.TALLABOA
 01  30501101                          00   19  121.1    19.9                        17             30                     80
                                         PLANT TOTAL                                 17

40   1500  244   2002  UNION CARBIDE PUNTA RD & RT 127 00731
 01  40400199   KEROSENE STORAGE       00   18  121.7    18.3                                              48      1.5    82        2
 02  40400199   ACETONE STORAGE TNK    00   18  121.7    18.3                                              48      1.5    82        6
 03  40400199   ACETONE (2 TANKS)      00   18  121.7    18.3                                              32      1.     82        1
 04  40400199   NAPHTHA STORAGE TNK    00   18  121.7    18.3                                       40                     90
 05  40400199   ETHYL ACETATE STGK     00   18  121.7    18.3                                       40                     90
 06  40400199   KETONE (MIBK) STGK     00   18  121.7    18.3                                       40                     90
 07  40400199   GASOLINE STG-          00   18  121.7    18.3                                              22       .2    87        1
 08  40400199   DIESEL STG-UNDERGND    00   18  121.7    18.3                                              22       .2    87        1
 09  30199999   STILL JET EXHAUST      00   18  121.7    18.3                                       70                    212
 10  30199999  CONC.JET EXHAUST        00   18  121.7    18.3                                       58                    212
 11  30199999  BUTANOL P.C.VENT        00   18  121.7    18.3                                       40                    104
 12  30199999   ALCOHOL P.C.VENT       00   18  121.7    18.3                                       40                    104
 13  30199999   ISOMER COLUMN VENT     00   18  121.7    18.3                                       40                    104
 14  30199999   C-4 STILL VENT         00   18  121.7    18.3                                       40                    250
 15  40400199   CRUDE BUTANOL(2TNKE    00   18  121.7    18.3                                              30       .7    90        1
 16  40400199   CRUDE BUTANOL STG      00   18  121.7    18.3                                              30       .7    90        2
 17  40400199   BUTANOL STG TNK        00   18  121.7    18.3                                              24       .7    90        1
 18  40400199   BUTANOL STG TNK        00   18  121.7    18.3                                              24       .7    90        1
 19  40400199   C-9 STORAGE TANK       00   18  121.7    18.3                                              40      1.5    80        3
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ST  CITY AQCR PLANT  NAME AND ADDRESS

                                                      UTM
          FIRST                           COMMON  UTM COORDINATES          EMISSIONS IN TONS/YEAR            S T A C K    D A T A
POINT     SCC       COMMENTS               STACK  ZN  HORIZ  VERT       ESTIMATED         ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
                                                                      PART      SO2      PART      SO2    HGT-FT  FEET     FEET   F   RATE-CFM
 20   30199999  OXIDE REAC.BLOWDOWN    00   18   121.7    18.3                                             40                    125
 21   30199999  POLYETHYLENE HANDLIN   00   18   121.7    18.3        1                                            60       .8   120     1245
 22   30199999  POLYETHYLENE HANDLIN   00   18   121.7    18.3        1                                    40                    120
 23   30199999  DISPHINGL JET SYS.     00   18   121.7    18.3                                             60                    200
 24   40400199   BUTANOL STG TNK       00   18   121.7    18.3                                             40                     80
 25   40400199   ETHANOL STG TNK       00   18   121.7    18.3                                                     24       .7    80        3
 26   40600302  UNDERGRD GASO STG-LD   00   18   121.7    18.3                                                     20       .3    87       20
                                         PLANT TOTAL                  2
                                         COUNTY TOTAL              4596     20538       65

40  1940  244   0001  PUERTO RICO CEMENT    R.10 KM.8.0
 01   30500703                         00   19   130.6    20.9       57       108                                  120      8.   415    67000
 02   30500703                         00   19   130.6    20.8       70       133                                  175      8.   408    86000
 03   30500703                         00   19   130.6    20.8       70       133                                  150      8.   405   131000
 04   30500703  KILN #4                00   19   130.6    20.8      103       195                                  175      8.   451   161000
 05   30500703  KILN #5                00   19   130.6    20.8      147       276                                  225     11.   373   168000
 06   30500703  KILN #6                00   19   130.6    20.8      333       631                                  200     17.   476   504000
 07   30501604  LIME KILN              00   19   130.6    20.8      913                                           120      8.   620    63700
                                         PLANT TOTAL               1693      1476

40  1940  244   0002  TERRAZOS PONCENOS INC  PONCE
 01   30501199  12710107 TILES MFG.    00   19   136.8    23.2                          4              10                     85
                                         PLANT TOTAL                                    4

40  1940  244   0006  SOUTH CARIBE AGGREGATE INC BO AGUILITA
 01   30502501  12710115               00   19   142.3    21.5        7                50              10                     80
                                         PLANT TOTAL                  7                50

40  1940  244   0007  INABON AGGREGATES,RD 14 KM 9.8
 01   30502001  CRUSHER                00   19   140.2    24.                                          30                     80
 03   30502002  CRUSHER II             00   19   140.2    24.                                          30                     80
 04   30502006  4 SCREENS              00   19   140.2    24.                                          30                     80
                                         PLANT TOTAL

40  1940  244   0009   COOP.CAFETEROS TORREFACION.
 01   30200299                         00   19   135.8    19.4        1                 3                      11       .3    90
 02   30200201                         00   19   135.8    19.4        1                 3                      25      1.2   350
 03   30200203                         00   19   135.8    19.4        1                 5                       4      1.2
                                         PLANT TOTAL                  3                11

40  1940  244   0012  HOTEL.INTER.CONTINENTAL EL VIGIA
 01   10300403  11230311               02   19    33.3    19.8        2        24       2                     125      2.   400     1393
 02   10300403                         02   19    33.3    19.8        2        24       2                     125      2.   400     1393
                                         PLANT TOTAL                  4        48       4

40  1940  244   0020  CENTRAL MERCEDITA
 01   10201102            BOILER #1    03        138.6    20.5       14                                       200     10.   347    18645
 02   10201102  BOILER #8              03        138.6    20.5      117       342                             200     10.   347   196360
 03   10201102   BOILER #9             03        138.6    20.5      117       342                             200     10.   347   196360
 04   10201102  BOILER #3              08        138.6    20.5       28                                       207     13.   347    39253
 05   10201102  BOILER #4              08        138.6    20.5       28                                       207     13.   347    39253
 06   10200402  BOILER #5              08        138.6    20.5      469       342                             207     13.   347   191681
 07   10200402  BOILER #6              08        138.6    20.5        3        57                             207     13.   347     5468
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ST  CNTY AQCR PLANT  NAME AND ADDRESS             EPA REGION: IV EIS DATA IN AO34 FORMAT                                               PAGE   56

                                                   UTM             EMISSIONS IN TONS/YEAR             S T A C K    D A T A
        FIRST                     COMMON  UTM COORDINATES     ESTIMATED         ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS         STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2     HGT-FT   FEET    FEET   F   RATE-CFM
  08  10200402  BOILER #7            08       133.6   20.5      3      57                                207     13.   347    5468
                                      PLANT TOTAL              779    1140

40  1940  244  0021  AVE.LAS AMERICA PONCE
 01  10200403  BOILER                00  19  132.1   18.6                                             78      1.5   350    1312
 02  50100505                        00  19                                                           65       .8   500
                                      PLANT TOTAL

40  1940  244  0022  FIBRAS CERAMICAS INC. BO.TUQUE K 25.7 PO
 01  10300403                        00  19  131.4   17.6                                             12       .8   600     401
                                      PLANT TOTAL

40  1940  244  0023  EBANISTERIA S PABLO IGLESIA ST. #10PLAYA
 01  30702699                        00  19  132.4   16.8                                             25      15.    85
                                      PLANT TOTAL

40  1940  244  0024  FERRY DEVELOPMENT CO. BO MACHUELO WARD P
 01  30502004                        00  19  135.8   22.3      1                               15
                                      PLANT TOTAL              1

40  1940  244  0025  THABON AGGREGATE INC.BORROW PIT-FINCA ES
 01  30502601                        00  19   37.9   19.7                                      20                   80
                                      PLANT TOTAL

40  1940  244  0027  SOUTH CARIBE AGGREGATES BO COTTO LAUREL
 01  30502001  12710115              00  19  141.5   29.                        51             10                   80
 02  30502002                        00  19  141.5   29.                                       10                   60
 03  30502006                        00  19  141.5   29.                                       10                   80
 04  30502007                        00  19  141.5   29.       1                               10                   80
                                      PLANT TOTAL              1                51

40  1940  244  0031  PONCE CONCRETE PDTS. AVE.HOSTO.PONCE
 01  30501120  12710119              00  19  133.1   18.2                       43             30                   85
                                      PLANT TOTAL                               43

40  1940  244  0033  SABARI ESTATES INC. RD-MALECON
 01  30501101  7730176               00  19  130.2   17.8                       28             20                   80
                                      PLANT TOTAL                               28

40  1940  244  0034  THAGON READY MIX INC. TALLABOA
 01  30501101  12710136              00  19  120.3   18.6                       42             30                   80
                                      PLANT TOTAL                               42

40  1940  244  0035  THAGON READY MIX.BO.COTO LAUREL CARR.14
 01  30501101  12710142              00  19  140.6   24.3                       50             30                   60
                                      PLANT TOTAL                               50

40  1940  244  0038  PONCE READY MIX INC AVE HOSTO ESQ BY PAS
 01  30501101  1730020               00  19  133.5   18.4                       60             30                   85
                                      PLANT TOTAL                               60

40  1940  244  0039  PONCE READY MIX INC PONCE PR
 01  30501101  12710117              00  19  133.2   22.4                       17             20                   80
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ST  CNTY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN A304 FORMAT                                    PAGE   57

                                                UTM                   EMISSIONS IN TONS/YEAR
        FIRST                            COMMON  UTM COORDINATES      ESTIMATED        ALLOWABLE          S T A C K   D A T A
POINT    SCC        COMMENTS              STACK  ZN  HORIZ  VERT   PART     SO2      PART     SO2    PLUME  HEIGHT   DIAM  TEMP    FLOW
                                            PLANT TOTAL                                                  HGT-FT   FEET    FEET   F   RATE-CFM
                                                                                      17

40  1940  244  0040  AUTORIDAD FUENTES FLUVIALES AVE HOSTO
 01  10200501                              00  19  133.8    20.2
                                            PLANT TOTAL

40  1940  244  0044  TORRE PLAZA DEL SUR COND.URB.P.DEL SUR.
 01  50200301  11720329                    00  19  131.7    18.8
                                            PLANT TOTAL                         1                  163     2.6   200     1644
                                                                                1

40  1940  244  0048  PONCE NURSING HOME URB.FLAMBOYANES
 01  50200101  3720123                     00  19  135.4    21.2
                                            PLANT TOTAL                         1                   10     2.5   410     4087
                                                                                1

40  1940  244  0049  EL GENERALIFE  JARDINES FAGOT PONCE
 01  50300101  INCINERATOR                 00  19  134.6    20.4
                                            PLANT TOTAL                         1                   14     2.1   210     4942
                                                                                1

40  1940  244  0050  LA TRINIDAD HOUSING 57 SOL ST.
 01  50200301  7730174                     00  19  133.5    20.2
                                            PLANT TOTAL                         1                   17     2.6   210     1645
                                                                                1

40  1940  244  0051  LA.CEIBA APTS. LA CEIBA URB.
 01  50200301  11720323/4 E 6730211  00  19  134.2    20.4
                                            PLANT TOTAL                         2                  167     2.6   218     3120
                                                                                2

40  1940  244  0055  COND LA ROSALEDA CALLE CONCORDIA
 01  50200301  12720342                    00  19  133.7    19.8
                                            PLANT TOTAL                         2                   14     2.1   210     4112
                                                                                2

40  1940  244  0065  HEALTH CORP.URB.FLAMBOYANES DE PONCE
 01  50200101                              00  19  134.2    20.4     1            1
                                            PLANT TOTAL              1            1                   10     2.1   210     2280

40  1940  244  0071  FINCA BO.ANON.BO.ANON CARR.PR 511 K.12.7
 01  30502599  SAND EXTRATION              00  19  137.7    31.7
                                            PLANT TOTAL                        48          20                      70
                                                                               48

40  1940  244  0072   ARTURO PICO JR. BO.AGUILITA
 01  30500301                              00  19  136.1    22.
                                            PLANT TOTAL                        10          12
                                                                               10

40  1940  244  0073  EL SENORIAL COND.SALUD NO.10
 01  50200301                              00  19  134.1    21.2
                                            PLANT TOTAL                                             18     2.7   210     6869

40  1940  244  0074   MOVLIVES APTS.CALLE LOLITA TIZOL
 01  50200101  8720252                     00  19  134.3    21.3
                                            PLANT TOTAL                                            110     1.8   210     1646

40  1940  244  0075   CANTERA MARTINO.BO.MARAGUEZ.K.1 H.9
 01  30502001  2720090                     00  19  136.8    25.2    13           42
                                            PLANT TOTAL             13           42                 20            80       15
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                                             UTM
      FIRST                          COMMON  UTM COORDINATES      EMISSIONS IN TONS/YEAR          S T A C K     D A T A
POINT   SCC       COMMENTS            STACK  ZN  HORIZ  VERT     ESTIMATED      ALLOWABLE       PLUME  HEIGHT  DIAM  TEMP    FLOW
                                                                 PART   SO2     PART    SO2     HGT-FT  FEET   FEET   F    RATE-CFM
40  1940  244   0076  COND.PLAZA PONCE.CALLE MAYOR-SALUD-
 01  50200301  1760021                00  19  133.2   20.3
                                      PLANT TOTAL                                                               2.3   206

40  1940  244   0077  GORDON PIT-FINCA ESPERANZA.RD.1 K 122
 01  30502001  10750336               00  19  133.7   20.     26              46              20                    80
                                      PLANT TOTAL             26              46

40  1940  244   0078  P.R.CEMENT CO.INC.BO.MARUENO.CARR 501
 01  30502001  2760048.QUARRY OPE.    00  19  133.6   22.1    40              49              18                    80
                                      PLANT TOTAL             40              49

40  1940  244   0079  P.R.CEMENT ANGOLA QUARRY.LA COTORRA 132
 01  30502001  2760049.QUARRY OPE.    00  19  129.6   20.9   205             150              19                    80
                                      PLANT TOTAL            205             150

40  1940  244   0080  P.R.CEMENT CO.INC.BO.MAGUEYES.PR.10 K 0
 01  30502001  2760050.QUARRY OPER.   00  19  131.8   19.7   285             767              18                    80
                                      PLANT TOTAL            285             767

40  1940  244   0081  EXT.MAT.CORTEZA TERRESTRE.INT.501-Y-132
 01  30502001  7750212                00  19  132.5   20.7     8              26              12                    80
                                      PLANT TOTAL              8              26

40  1940  244   0082  BORINQUEN ASBESTO CEMENT CORP.PR 2 K.261
 01  30501120  7760247                00  19
                                      PLANT TOTAL                                             17                    80

40  1940  244   0083  READY MIX CONCRETE INC.PLANT 11.
 01  30501101  6750165                00  19  133.2   19.3
                                      PLANT TOTAL                                             18                   175

40  1940  244   0084  ARENAS DEL SUR INC.BO.ANON P.R.511 K.12
 01  30502001  6760216                00  19  139.8   26.1
                                      PLANT TOTAL                                             15                   175

40  1940  244   0085  SOUTH CARIBE AGGREGATES INC.BO.COTTO LA
 01  30502001  9760257                00  19  140.    22.2    11                              18                    80
                                      PLANT TOTAL             11

40  1940  244   0086  ARENALES EL REY.BO.TIBES CARR.503-504
 01  30502001  11760459               00  19  133.4   23.1
                                      PLANT TOTAL                                             20                    80

40  1940  244   0087  COOP.CAFETEROS TORREFACION
 01  30200201  11760463               00  19  134.    20.1                                           25    1.2   350
 02  30200299  CLEANING OF G.BEANS    00  19  134.    20.1                                           11     .3    90
                                      PLANT TOTAL

40  1940  244   0088  EXT.MAT.CORTEZA TERRESTRE.PERFECTO COLO
 01  30502001  7760261                00  19  138.4   27.3
                                      PLANT TOTAL                                             19                   175
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                                                  EPA REGION IV EIS DATA IN AJDM FORMAT                                      PAGE   59
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                 UTM               EMISSIONS IN TONS/YEAR            S T A C K    D A T A
       FIRST                      COMMON  UTM COORDINATES     ESTIMATED          ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT  SCC      COMMENTS           STACK  ZN  HORIZ   VERT    PART     SO2      PART     SO2      HGT-FT   FEET   FEET   F   RATE-CFM

40  1940  244  0089  PRODUCTOS DE CAOLIN INC.NO.1 BO.EL TOQUE
 01  10200503                        00  19  131.4    17.6                                                   12    1.6   600      400
                                       PLANT TOTAL

40  1940  244  0090  REGO.DE CAOLIN INC.BO EL TOQUE K 25  PON
 01  10100503                        00  19  128.9    17.                                                    12    1.6   600      400
                                       PLANT TOTAL

40  1940  244  0100  WESTERN THER LAB CARR NO 132 KM.NO.25.3
 01  30199999  12710204 INGREDIENTS  00  19  130.6    19.9                                                   50     .3    80     1500
 02  10200403                        00  19  130.6    19.9       3      26         4                         25    1.5   500     1814
 03  10200403                        00  19  130.6    19.9       2      21                                   25     1.   500     1555
 04  20200402  POWER GENERATOR       00  19  130.6    19.9       1       8         8                         25     .3   500     1814
                                       PLANT TOTAL               6      55        12

40  1940  244  0101  SANSON READY MIX CORP.
 01  30501101  12710035              00  19  138.1    19.7       5                50                10                  85
                                       PLANT TOTAL               5                50

40  1940  244  0102  BLOCK-ITO INC. BO.VALLAS TORRES RD 1
 01  30501126  12710102 BLOCK MFG.   00  19  136.7    18.9       1                17                15                  85
                                       PLANT TOTAL               1                17

40  1940  244  0103  TERRAZOS PICO INC             PONCE PR
 01  30501120  12710118 TILES MFG.   00  19  133.2    18.3       1                 5                 8                  85
                                       PLANT TOTAL               1                 5

40  1940  244  0104  SABARI ESTATES INC. RD.MALECON
 01  30501101  3720099               00  19  130.2    17.8                        28                30                  80
                                       PLANT TOTAL                                28

40  1940  244  0105  PONCE SALT INDS.CORP.BO.ENCARNACION
 01  10200402  2720098               00  19  122.4    17.7       4      61        12                         60    2.4   400     4644
 02  10200402                        00  19  122.4    17.7       4      61        12                         58    2.4   400     4644
                                       PLANT TOTAL               8     122        24

40  1940  244  0106  CANT. CASTRO-LARITA BO HOYOS PONCE
 01  30502001            LIMESTONE   00  19  138.     25.5      31                                  30                  80
 02  30502006 LIMESTONE          .   00  19  125.4    38.      126                                  25                  80
                                       PLANT TOTAL             157

40  1940  244  0108  DESTILERIA SERRALLES  RD 1 KM 122 HM 7
 01  10200402                        00      138.6    20.5      17     294   7999999     140               75     5.   370    22965
                                       PLANT TOTAL              17     294               140

40  1940  244  0110  GONZALEZ ELECTRIC SERVICE ST.FE(BAJOS)
 01  50300203  4730088               00  19  132.3    19.9      16                                           22    1.4   300     4620
                                       PLANT TOTAL              16

40  1940  244  0111  LAS AMERICAS BAKERY.K ST.EXT.MARIANI.
 01  10300503  9730247               00  19  132.2    19.1                                                    7     .7   180      415
                                       PLANT TOTAL
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ST  CNTY AQCR PLANT  NAME AND ADDRESS          EPA REGION IV EIS DATA IN AQDM FORMAT                                     PAGE   60

                                              UTM              EMISSIONS IN TONS/YEAR            S T A C K     D A T A
       FIRST                        COMMON  UTM COORDINATES     ESTIMATED         ALLOWABLE      PLUME  HEIGHT  DIAM  TEMP    FLOW
POINT   SCC       COMMENTS          STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2    HGT-FT   FEET   FEET    F   RATE-CFM

40  1940  244  0112  BUENA VISTA DAIRY INC.BO.SABANETA
 01  10200403  4740122                00  19  136.6   20.                 3         2                    20    1.3   280      1878
                                        PLANT TOTAL                       3         2

40  1940  244  0113  PLASTIC FIBER FORMULATIONS INC.
 01  30199999  1730009 BAGASE FIBER   00  19  138.7   20.6                          7                    50    3.    220      7870
                                        PLANT TOTAL                                 7

40  1940  244  0114  RALAT INC  AVE.HOSTOS # 10
 01  30200201  11730322               00  19  134.4   18.3                          1                    30    1.7   100       120
                                        PLANT TOTAL                                 1

40  1940  244  0116  COND.LA CEIBA BLDG L. LA CEIBA
 01  50200301                         00  19  134.1   20.1                          1                   157    2.6   220      4112
 02  50200301                         00  19  134.1   20.1                          1                   157    2.6   220      4112
                                        PLANT TOTAL                                 2

40  1940  244  0117  COND. BUENOS AIRES.CALLE BUENOS AIRES 28
 01  50200301                         00  19  133.6   19.4                          1                     8    2.1   218      1644
                                        PLANT TOTAL                                 1

40  1940  244  0118  COND.BUENA VISTA.CALLE C & D.BUENA VISTA
 01  50200301                         00  19  135.2   19.6                          1                     8    2.1   218      1644
                                        PLANT TOTAL                                 1

40  1940  244  0119  COND.MARIPOSA.UNIVERSIDAD ST.NO.73
 01  50200301                         00  19  132.6   18.9                          1                    14    2.1   210      1614
                                        PLANT TOTAL                                 1

40  1940  244  0120  COND.TORRE DE SANTA MARIA.UNIV.ST.
 01  50200301                         00  19  132.7   18.6                          1                     1    2.3   218      2467
                                        PLANT TOTAL                                 1

40  1940  244  0121  TOP SANDS INC.BO ANON CARR #511 KM 12.3
 01  30502599  5740166 EXTRACTION     00  19  137.3   32.2        6                55            30                   80
                                        PLANT TOTAL               6                55

40  1940  244  0122  LOLMGART CORP. FINAL AVENIDA HOSTOS
 01  10200402                         00  19  132.5   16.5                          3                    21    1.8   400      3065
                                        PLANT TOTAL                                 3

40  1940  244  0124  THAJON READY MIX.BO COTO LAUREL.RD 14
 01  30501101  12710139               00  19  140.6   24.3        1                49            15                   80
                                        PLANT TOTAL               1                49
                                        COUNTY TOTAL           3295     3140     1766     140

40  1960  244  0011  HORMIGONERA MAYAGUEZANA RD 487 K7.0.3
 01  30501101  2740031                00  19  108.0   68.8        1                43            10                   85
                                        PLANT TOTAL               1                43

40  1960  244  0012  QUILICHINI QUARRY- BOX 3252
 01  30502001  PRIM ROCK CRUSHER      00  19  100.6   67.5       14              1080            20                   80
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                                                   UTM                 EMISSIONS IN TONS/YEAR              S T A C K   D A T A
        FIRST                              COMMON  UTM COORDINATES    ESTIMATED         ALLOWABLE          PLUME  HEIGHT  DIAM  TEMP    FLOW
POINT    SCC        COMMENTS               STACK  ZN  HORIZ   VERT   PART    SO2       PART     SO2      HGT-FT  FEET    FEET   F    RATE-CFM
 02  30502006  SCREENING/CONV.              00   19  100.6    67.5     54               1080               20                    80
 03  30502002  SECONDARY CRUSHER            00   19  100.6    67.5     27               1080               20                    80
                                              PLANT TOTAL               95               3240

40  1960  244  0015   FLADAMECA INC.BO.CACAO PARCELAS S.A.
 01  30500361  3750070                      00   19   99.4    67.1    131                                  20                    80
                                              PLANT TOTAL              131
                                              COUNTY TOTAL             227               3283

40  1980  244  0002   CARTER PR INC.MFG.PLANT RUTE 115
 01  10300503                               00   19   66.5    55.              3          1       9
 02  50100201                               00   19   66.5    55.      2                 13
                                              PLANT TOTAL                2       3         14       9
                                              COUNTY TOTAL               2       3         14       9

40  2020  244  0001  GUAYABAL BO.CIENAGA ALTA RD.959 KM.6
 01  10200503  3730070                      00   19  213.7    58.2                        1                     24     1.    320      1684
 02  10200503  3730070                      00   19  213.7    58.2                        1                     24     1.    320      1684
                                              PLANT TOTAL                                 2

40  2020  244  0002  GENERAL ELECTRIC CIRCUIT BREAKER INC PHL
 01  40200501  5720151                      00   19  222.7    59.5                                              16     1.6    85      3360
 02  40200101                               00   19   89.6    27.2                                              15     1.6    85      8400
                                              PLANT TOTAL

40  2020  244  0003  RIO GRANDE AGGREGATES BO ZARZAL CARR-3T
 01  30502501                               00   19  221.1    60.1     27                 62               30                    80
                                              PLANT TOTAL               27                 62

40  2020  244  0008   RIO GRANDE READY MIX.CARR.3 KM.23.2
 01  30501101  6760238                      00   19  215.1    61.                                          18                    90
                                              PLANT TOTAL

40  2020  244  0011   ORNAMENTAL POLES INC.CARR.955 K.29.0
 01  10200503  9760365                      00   19  217.6    60.2                                              20      .8   375
                                              PLANT TOTAL
                                              COUNTY TOTAL              27                 64

40  2060  244  0009   SABANA GRANDE AGGREGATES INC.328 K.1.3
 01  30502001  4760124                           19   96.4    26.1
                                              PLANT TOTAL

40  2060  244  0011  SABANA GRANDE    MANUF. CORP. S. GRANDE
 01  10300503  3720122                      00   19   96.6    27.1      2      36          4                     18     1.    305      4375
                                              PLANT TOTAL                2      36          4

40  2060  244  0013  READY MIX CONCRETE KM 0 H.1 ROAD PROJECT
 01  30501101  3740065                      00   19   97.7    23.5                        26               10                    85
                                              PLANT TOTAL                                  26
                                              COUNTY TOTAL               2      36         30

40  2080  244  0001  CENTRAL AGUIRRE  KM 151.2 AGUIRRE
 01  10100501  GUN TYPE OIL BURNER          00   19  174.8    13.5                                             250    10.4   304   1305600
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                                                  UTM                   EMISSIONS IN TONS/YEAR            S T A C K    D A T A
        FIRST                           COMMON  UTM COORDINATES        ESTIMATED         ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC        COMMENTS            STACK  ZN  HORIZ  VERT      PART     SO2      PART     SO2     HGT-FT   FEET    FEET    F   RATE-CFM
 02   10100501  GUN TYPE OIL BURNER      00   19  174.8    13.5                                                  250    10.4   304  1305600
 03   10100501  COMBINED CYCLE UNIT      00   19  174.8    13.5                                                  250    15.    424  2653660
 04   10100501  COMBINED CYCLE UNIT      00   19  174.8    13.5                                                  250    15.    424  2653660
 05   20100101  POWER BLOCK              00   19  174.8    13.5                                                   40    13.6   950  1110453
 06   20100101  POWER BLOCK              00   19  174.8    13.5                                                   40    13.6   950  1110453
                                           PLANT TOTAL

40  2080  244   0002  TEXACO CONCRETE CORP.RD.1 KM.81.2
 01   30501101  12710076                 00   19  171.5    21.2        2                 40              10                   80
                                           PLANT TOTAL                 2                 40

40  2080  244   0009  HORMIGONERA METROPOLITANA.RD.714 KM.4.0
 01   30501101  5720201                  00   19  174.7    25.8                          41              10                   85
                                           PLANT TOTAL                                   41

40  2080  244   0010  TEXACO CONC. CORP PLANT NO 7 ROAD 1 K 81
 01   30501101  5740111                  00   19  173.1    22.9        1                 36              10                   85
                                           PLANT TOTAL                 1                 36

40  2080  244   0011  PRWRA-AGUIRRE,BARRIO AGUIRRE
 01   10100401                           02   19  174.8    13.5     1697    25047
 02   10100401                           02   19  174.8    13.5     1697    25047                                250    10.4   304   303696
 03   10100401                           04   19  174.8    13.5      298    14673                                250    10.4   304   303696
 04   10100401                           04   19  174.8    13.5      298    14673                                250    15.    424   264938
 05   20100101                           06   19  174.8    13.5       79      613                                250    15.    424   264938
 06   20100101                           06   19  174.8    13.5       79      613                                 40    13.9   950   582412
                                           PLANT TOTAL              4148    80666                                 40    13.9   950   582412

40  2080  244   0012  SALINAS BROWN MARBLE BO.RIO JUEYES
 01   30502001  5740157                  00   19  166.3    18.4                          56              20                   85
                                           PLANT TOTAL                                   56

40  2080  244   0013  TERRAZOS CARIBE CORP.CARR.1 KM.79.7 H.1
 01   30501120  12720374.BLOCK MFG.      00   19  169.4    18.2        1                  2               8                   80
 02   10200403  12720374 BLOCK MFG       00   19  169.4    18.2       37                  2               8                   75
                                           PLANT TOTAL                38                  4

40  2080  244   0014  COND.PLAYA SANTA.RD.325.BO.SALINAS.
 01   50200301                           00   19   98.9    13.8                           1                     145    2.3   210     2467
                                           PLANT TOTAL                                    1

40  2080  244   0015  P.R. ASPHALT CO.PLANT 6 P R 1 K 83 SALIN
 01   30500201                           00   19  158.7    68.9
 02   30500299                           00   19  158.7    68.9                                                   30     4.    240
 03   30500201                           00   19  158.7    68.9                                           15
 04   30500201                           00   19  153.7    68.9                                           15
 05   10100504                           00   19  158.7    68.9                                           15
                                                                             1                                    15      .6   500      622
                                           PLANT TOTAL                       1
                                           COUNTY TOTAL             4189    80667     178

40  2120  244   0004  HORMIGONERA MAYAGUEZANA RD 2 KM 176
 01   30501101  5720171                  00   19   75.4    46.7                          21              30                   85
                                           PLANT TOTAL                                   21
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                      UTM               EMISSIONS IN TONS/YEAR          S T A C K   D A T A
        FIRST                           COMMON UTM COORDINATES    ESTIMATED          ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS              STACK  ZN  HORIZ  VERT     PART     SO2      PART     SO2     HGT-FT  FEET    FEET   F   RATE-CFM

40  2120  244  0007  INTERNATIONAL SILVER DE P R INC SAN GER.
 01   30399599 6730147 TABLEWAR MFG       00   19   89.6  27.2                         40                       15     1.8  100     17020
 02   10200501                            00   19   89.6  27.2        1       3         1                       15     1.   475      1987
 03   10200501                            00   19   89.6  27.2                2                                 15     1.2  350       993
 04   10200501                            00   19   89.6  27.2                2                                 15      .5   75       993
                                            PLANT TOTAL               1       7        41

40  2120  244  0011  EBANISTERIA MARTINEZ URB.EL RETIRO
 01   30702099 2740052 DOORPCABINET       00   19   38.6  27.4                                             8                  80
                                            PLANT TOTAL

40  2120  244  0018   EXT.DE L.AGRAIT ARROYO.CARR.2 K.160.8
 01   30502001 6760177                    00   19   83.2  32.3        1                                   17                  80
                                            PLANT TOTAL               1

40  2120  244  0019  SABANA GRANDE AGGREGATE.INC.CARR.329 K.2
 01   30532001                            00   19   93.1  26.9       24                43                 17                  30
                                            PLANT TOTAL              24                43

40  2120  244  0020   NORTHRIDGE KNITTMILLS CARR.102 KM.207
 01   10200503                            00   19   89.9  27.3                                                  18     1.   430
                                            PLANT TOTAL

40  2120  244  0021  HOSPITAL DE LA CONCEPCION
 01   10200403                            00   19   88.7  27.8                2                                 40     1.  4250
 02   50200505                            00   19                     1                                         40     1.6
                                            PLANT TOTAL               1       2
                                            COUNTY TOTAL             27       9       105

40  2160  244  0001  REXACH ASPHALT #1
 01   30500201                            00   19  190.   51.3       88                                         40     5.   140     25000
 02   10200503                            00   19  190.   51.3                                                  35     1.1  350      1362
 03   30500202                            00   19  190.   51.3       25                                   20                  80
                                            PLANT TOTAL             113

40  2160  244  0004  JIMENEZ & FERNANDEZ SUCR INC 1103FJ A ST

40  2160  244  0007   HOTEL CONDADO HOLIDAY INN.
 01   10300401 4730053                    02   19  189.6  69.8                          5                      250     2.   710      2153
 02   10300401                            02   19  189.6  69.8                          5                      250     2.   710      2153
                                            PLANT TOTAL                                10

40  2160  244  0008  HOSPITAL DEL MAESTRO.AVE.DOMENECH.H.R.
 01   50200505 1730016                    00   19  190.9  64.3                                                   9     1.   430       520
 02   10300403                            00   19  190.9  64.3                3                                 11     1.3  430       480
                                            PLANT TOTAL                       3

40  2160  244  0009  VETERAN ADMS.CENTER BO MONACILLO RIO PIE
 01   50200505                            00   19  189.8  62.1                                                  52     2.  1500        30
                                            PLANT TOTAL

40  2160  244  0010  P R MED CTR SERVICES CORP SAN JUAN 00935
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ST  CITY ACCT PLANT  NAME AND ADDRESS            EPA REGION IV EIS DATA IN A234 FORMAT                                      PAGE   64

                                                       UTM              EMISSIONS IN TONS/YEAR             S T A C K    D A T A
        FIRST                           COMMON  UTM COORDINATES       ESTIMATED         ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC       COMMENTS              STACK  ZN  HORIZ   VERT    PART     SO2      PART     SO2    HGT-FT   FEET    FEET   F    RATE-CFM
 01   10300401    MAIN BOILER              03   19  190.4   62.5       3     105                                135     6.    500    14256
 02   10300401         BOILER BANKED       03   19  190.4   62.5       3     105                                135     6.    500    14256
 03   10300401         STANDBY BOILE       03   19  190.4   62.5       3     105                                135     6.    500    14256
 04   50200101   WASTES TYPE 1&2           00   19  190.4   62.5                                                 40     5.   1200     5855
 05   50200505   WASTE TYPE 4              00   19  190.4   62.5                                                 50      .6  1000      220
                                              PLANT TOTAL              9     315

40  2160  244   0012  PAMCOR B.INC,DE DIEGO & 65 INFANTRY AVE
 01   40200401   PVC COATING  SLEEVES  00   19  195.2   62.8
                                              PLANT TOTAL                                                        37     1.5   325     1200

40  2160  244   0018  SUIZA DAIRY CORP.DE DIEGO ESQ.S.PATRICIO
 01   10200403   12710059                  00   19  189.3   62.3               4        1                        34     1.    250      710
                                              PLANT TOTAL                        4        1

40  2160  244   0021  BETTEROADS ASPHALT CORP.RD.845 K.1.6 C.B
 01   30500202   DRUM MIXER                00   19  192.8   60.7      69                                23                   80
                                              PLANT TOTAL             69

40  2160  244   0022  HORMIGONERA PUERTO RICO INC.RD.979 ROOSE
 01   30501199   AGGREGATE STOCK PILE      00   19  336.5   48.3                                        19                   80
 02   30501199   AGGREGATE BINS            00   19  336.5   48.3                                        18                   80
 03   30501195   CEMENT SILO               00   19  336.5   48.3                                        18                   80
 04   30501101                             00   19  336.5   48.3       4                                15                   80
                                              PLANT TOTAL              4

40  2160  244   0023  P.R.W.R.A-SANTURCE,WILSON ST
 01   20100101        TWO STACKS           00   19  190.1   69.       55     126                                 18    11.    690   388830
                                              PLANT TOTAL             55     126

40  2160  244   0024  PRWRA PASEO COVADONGA-PUERTA DE TIERRA
 01   20100101        TWO STACKS           00   19  186.1   70.1      55     126                                 22    11.    690   388830
                                              PLANT TOTAL             55     126

40  2160  244   0025  P.R.WATER AUTHORITY,DOCK,PUERTO NUEVO
 01   10100401                             04   19  187.1   66.       58     420                                160     9.5   320    22213
 02   10100401                             04   19  187.1   66.       58     420                                160     9.5   320    22213
 03   10100401                             04   19  187.1   66.       58     420                                160     9.5   320    22213
 04   10100401                             04   19  187.1   66.       58     420                                160     9.5   320    22213
 05   10100401                             06   19  187.1   66.      235    1971                                160     8.5   340    90115
 06   10100401                             06   19  187.1   66.      235    1971                                160     8.5   340    90115
 07   10100401                             08   19  187.1   66.      405    3128                                185     6.    300   155983
 08   10100401                             08   19  187.1   66.      405    3128                                185     6.    300   155983
 09   10100401                             10   19  187.1   66.      427    3128                                191     6.    300   163942
 10   10100401                             10   19  187.1   66.      427    3128                                191     6.    300   163942
 11   20100101                             00   19  187.1   66.       53      49                                 37    12.2   690   376740
 12   20100101                             00   19  187.1   66.       27      25                                 23     9.2   690   183305
                                              PLANT TOTAL           2446   18208

40  2160  244   0026  BETTEROADS ASPHALT PLANT #1  RD 843 KM12
 01   30500201                             00   19  881.6   67.4      16                                         25     4.3   250    90000
 02   30500202                             00   19  881.6   67.4     525                                20                   80
                                              PLANT TOTAL            541
                                              EPA REGION IV EIS DATA IN AQ04 FORMAT                               PAGE   65
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                             UTM             EMISSIONS IN TONS/YEAR         S T A C K   D A T A
      FIRST                    COMMON  UTM COORDINATES    ESTIMATED       ALLOWABLE      PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT  SCC     COMMENTS         STACK  ZN  HORIZ  VERT  PART     SO2     PART    SO2     HGT-FT   FEET   FEET   F    RATE-CFM

40  2160  244  0027  COND.LAYEKE 175 VILLAMIL ST.
 01  50200301                           19 190.5   68.7                                            66     2.1  210
                                     PLANT TOTAL

40  2160  244  0025  COCA-COLA BOTTLING CO OF PR AVE DE DIEGO
 01  10300403  17710066            00   19 195.7   62.7        1       6       1                   36     1.2  350     3410
 02  10300403                      00   19 195.7   62.7        1       6       1                   35     1.4  350     1225
                                     PLANT TOTAL               2      12       2

40  2160  244  0030  METROPOLITAN BUS AUTHORITY AGY.AVE.DE DI
 01  30592001                      00   19 189.7   61.8                                      18                  80
                                     PLANT TOTAL

40  2160  244  0031  LAB.TERRIER INC.SAN ANTONIO ST. HATO REY
 01  10100503  10710003            00   19 192.9   65.1                        1                   29      .6  525      315
                                     PLANT TOTAL                               1

40  2160  244  0032  CONDOMINIO ARANJUEZ.URB.PIELIRO EXT.ROOS
 01  50200301                      00   19 192.6   65.8                                                   2.3
                                     PLANT TOTAL

40  2160  244  0033  OLINDA FERTILIZER CO CALLE PAZ MIRAMAR
 01  30102502  4730097             00   19 189.4   68.9       30              26             30                    80
                                     PLANT TOTAL              30              26

40  2160  244  0034  COND LOS OLMOS AVE AMERICO MIRANDA VILLA
 01  50200301                      00   19 190.6   63.1        5                                  108     2.3  210        5
                                     PLANT TOTAL               5

40  2160  244  0035  JARDINES METROPOLITANOS I.CALLE GALILEO
 01  50200301  INCINERATOR         00   19 190.9   63.         6                                  157     2.6  220      893
                                     PLANT TOTAL               6

40  2160  244  0036  PARK BOULEVARD COND.LAUREL ST.2305 SANT.
 01  50200301  1720010             00   19 193.8   68.7                                            87     2.   210     1640
                                     PLANT TOTAL

40  2160  244  0037  HORMIGONERA CARIBE INC.CO.LOS ROMEROS K.
 01  30501101                      00   19 188.4   55.8                                      20                  80
                                     PLANT TOTAL

40  2160  244  0038  EXECUTIVE MANSIONS COND.LUCHETTI ST.SANT
 01  50200301  2720068             00   19 190.9   68.9                        1                   90     2.   210     1640
                                     PLANT TOTAL                               1

40  2160  244  0039  COND.SAN IGNACIO.AVE.SAN IGNACIO Y CARR
 01  50200301                      00   19 189.9   62.                                                    2.5  210
                                     PLANT TOTAL

40  2160  244  0040  COOP VIVIENDAS JARD.S IGNACIO  RIO PIED
 01  50200301                      00   19 195.7   62.7                                                   60.  220       45
                                     PLANT TOTAL
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ST  CITY AQCR PLANT  NAME AND ADDRESS              EPA REGION IV EIS DATA IN AQ04 FORMAT
                                                                                                                      PAGE   66
          FIRST                                      UTM                EMISSIONS IN TONS/YEAR
POINT      SCC      COMMENTS              COMMON  UTM COORDINATES      ESTIMATED            ALLOWABLE            S T A C K       D A T A
                                           STACK   ZN  HORIZ  VERT    PART      SO2        PART      SO2      PLUME  HEIGHT   DIAM   TEMP     FLOW
                                                                                                              HGT-FT  FEET    FEET    F     RATE-CFM
40  2160  244  0041  DRI-WAL OF PUERTO RICO INC.URB IND.TRES
 01  10200403
                                            00  19  190.8   65.6                                                     30      1.
                                             PLANT TOTAL
40  2160  244  0042  ELXACH ASPHALT CO #4 R 1 K 24.7 RIO PIED
 01  10200402
 02  30500201                               00  19  190.3   60.2       4        51                            20                    80
 03  30502001                               00  19  190.3   60.2    1645                                      20                    80
 04  30500299                                   19  190.3   60.2      24                                      15                    86
                                            00  19  190.3   60.3                                              15
                                             PLANT TOTAL            1673        51
40  2160  244  0045  COND.ALMIRANTE NO.15 STREET SANTURCE P.R
 01  50200101
                                            00  19  191.6   68.6                                                    110      2.     210       551
                                             PLANT TOTAL
40  2160  244  0047  GARDEN HILL COND.PIRAMONTES ST.ESQ.L
 01  50200301  8730234
                                            00  19  185.6   62.6                            1                       135      2.6    220      1648
                                             PLANT TOTAL                                    1
40  2160  244  0048  THE EXECUTIVE COND. P.DE LEON HATO REY
 01  50200101  4720146
                                            00  19  192.6   64.4                            2                       147      2.6    218      4945
                                             PLANT TOTAL                                    2
40  2160  244  0052  COND.QUISQUEYA AVE.QUISQUEYA C.RICA ST.
 01  50200101  5740143
                                            00  19  192.7   65.9       1                    1                        17      2.3    210      2680
                                             PLANT TOTAL               1                    1
40  2160  244  0053  COND.TORRE DE ORO ST.MEJICO ESQ.HONDURAS
 01  50200101  5740153
                                            00  19  193.9   65.8       1                    1                        15      1.8    210      1648
                                             PLANT TOTAL               1                    1
40  2160  244  0054  LA PUERTA DE TIERRA.AVE FDEZ.JUNCOS ESQ.
 01  50200301
                                            00  19  187.8   70.                                                     172      2.5    220      4030
                                             PLANT TOTAL
40  2160  244  0055  LA PUERTA DE TIERRA.AVE FDEZ JUNCOSESQ.M
 01  50200301
                                            00  19  187.8   70.                                                     172      2.5    220      4030
                                             PLANT TOTAL
40  2160  244  0065  FRITO LAY INC. C. ISIDORO COLON (FINAL)
 01  10300503  7720211
                                            00  19  191.9   61.6                            1                        12      1.3    900      1468
                                             PLANT TOTAL                                    1
40  2160  244  0069  DULCERIA DE P. R. INC M. CAMUNAS NO.4
 01  10300503  2720066
                                            00  19  189.1   63.7                            1                        21      1.2    350       437
                                             PLANT TOTAL                                    1
40  2160  244  0070  CANTERAS DE PUERTO RICO INC CARR#1 KM
 01  30502001  11710007
                                            00  19  188.9   53.7      22                   44                  10                    85
                                             PLANT TOTAL              22                   44
40  2160  244  0073  INRAIGUERA INC CARR#845 KM 1.5
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                          UTM              EMISSIONS IN TONS/YEAR            S T A C K    D A T A
      FIRST                     COMMON  UTM COORDINATES      ESTIMATED         ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC     COMMENTS         STACK  ZN  HORIZ  VERT    PART     SO2       PART    SO2     HGT-FT   FEET    FEET    F  RATE-CFM
 01  30501101  12710100           00  19  193.7    60.2       2                  60               10                    85
                                     PLANT TOTAL              2                  60

40  2160  244  0076  BLOQUES LA PLATA INC  TOA BAJA
 01  30501120  9720263 BLOCK-MFG.  00  19  171.9    64.2                         17               10                    85
                                     PLANT TOTAL                                 17

40  2160  244  0077  READY MIX CONCRETE INC   RIO PIEDRAS
 01  30501101  1720631            00  19  193.7    60.3                         17               10                    85
                                     PLANT TOTAL                                 17

40  2160  244  0083  TEXACO ASPHALT #4,HWY#1 KM 24.7
 01  30500201                     00  19  190.     51.3      18                                          40      4.   150    45000
 02  30500202                     00  19  190.     51.3     165                                  20                    80
 03  10200503                     00  19  190.     51.3                2                                 35     1.1   350      308
                                     PLANT TOTAL            183        2

40  2160  244  0090  CERAMICAS MERIDA BO.RIO CANAS RD.798 K30
 01  39999999  2740043EARTH MOVEMEN  00  19   93.6    50.       56                  72                5                    85
                                     PLANT TOTAL             56                  72

40  2160  244  0091  GARAJE MERCADO CALLE J.DE DIEGO CAROLINA
 01  40200101  9720100            00  19  202.8    60.8                                           8                    80
                                     PLANT TOTAL

40  2160  244  0094  SEA-LAND SERVICE NO.5 ST. ZONA PORT. P.R
 01  10300503  9730260            00  19  180.1    66.5                                                   30      1.   450     1474
                                     PLANT TOTAL

40  2160  244  0100  PTO CONSTRUCTION CORP. RD.860 KM-2
 01  30502039  4730112            00  19  200.5    58.9     112                  71               30                    65
                                     PLANT TOTAL            112                  71

40  2160  244  0103  SAN LUIS COND.PALMERAS ST.SAN GERONIMO
 01  50200301  7720231            00  19  188.9    69.9                          1                       86     2.6   220     1648
                                     PLANT TOTAL                                  1

40  2160  244  0104  SUN STD COND.1319 ASHFORD AVE. CONDADO
 01  50200301                     00  19  190.7    69.1                          1                        6     2.6   218     1648
                                     PLANT TOTAL                                  1

40  2160  244  0105  HIGHLAND COND.R-2 OLMO ST.RIO PIEDRAS
 01  50200301  4740101            02  19  196.1    61.8                          1                       91     2.3   210     1648
 02  50200301                     02  19  196.1    61.8                          1                       91     2.3   210     1648
                                     PLANT TOTAL                                  2

40  2160  244  0107  ANTOSANTI COND. ANTOSANTI ST. SANTURCE.
 01  50200301  4740102            02  19  191.4    68.1                          1                      152     2.3   210     1648
 02  50200301                     02  19  191.4    68.1                          1                      152     2.3   210     1648
                                     PLANT TOTAL                                  2

40  2160  244  0110  SANTURCE TOWERS FUERTES #360 ESQ.CAROLIN
 01  50200301  9730242            00  19  191.5    69.1                          1                      109     2.    208     1648
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                                                     EPA REGION IV EIS DATA IN AQDM FORMAT                              PAGE   68
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                 UTM                     EMISSIONS IN TONS/YEAR             S T A C K    D A T A
        FIRST                           COMMON  UTM COORDINATES      ESTIMATED          ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS               STACK  ZN  HORIZ  VERT     PART      SO2      PART     SO2     HGT-FT   FEET    FEET   F   RATE-CFM
                                             PLANT TOTAL                                  1

40  2160  244   0111  COND.MAGDALENA  MAGDALENA ST.1404 SANT.
 01  50200301  1740002                  00  19  193.5    69.1                             1                        1      .2   210     1648
                                             PLANT TOTAL                                  1

40  2160  244   0112  LEBAL HOUSE COND.
 01  50200301  6730213                  00  19  191.1    68.8                             1                       78     1.8   210     1648
                                             PLANT TOTAL                                  1

40  2160  244   0114  DELMONICO COND.BALD.DE CASTRO + VILLAMIL
 01  50200301  11730315                 00  19  190.6    68.7                             1                      116     2.6   218     1648
                                             PLANT TOTAL                                  1

40  2160  244   0115  HILL TOP MANSION COND.NO.658 MIRAMAR AVE
 01  50200301  1740028                  02  19  189.6      .9                             1                        2     2.3   210     1648
 02  50200301                           02  19  189.      69.                             1                      175     2.3   210     1648
                                             PLANT TOTAL                                  2

40  2160  244   0119  SKY TOWER GARDENS I. HORTENSIA & IRIS ST
 01  50200301  2740030                  00  19  191.4    58.8                             2                      149     2.3   210     5106
 02  50200301                           00  19  191.4    58.8                             2                      148     2.3   210     5106
                                             PLANT TOTAL                                  4

40  2160  244   0121  BANCO OBRERO. HATO REY
 01  50200102  3740063                  00  19  192.2    65.9                             1                      196     2.3   210     4113
 02  50200102                           02  19  192.2    65.9                             1                      196     2.3   210     4113
                                             PLANT TOTAL                                  2

40  2160  244   0123  VOC 07 RESIDENCIAL TAINA CALLE 5 R.P.
 01  50201101                           00  19  195.1    63.3                             1                      162     2.3   210     1974
                                             PLANT TOTAL                                  1

40  2160  244   0124  VOC 07 RESIDENCIAL TAINA CALLE 5 R.P.
 01  50200301                           00  19  195.1    63.3                             1                      162     2.3   210     1974
                                             PLANT TOTAL                                  1

40  2160  244   0125  SANTA TERESA COND.650 ESTADO ST. SANT.
 01  50200301  7720229                  00  19  189.3    68.9                             1                       96     2.1   240     1648
                                             PLANT TOTAL                                  1

40  2160  244   0130  COND.INCA.INGA ST. PUNTA LAS MARIAS.SANT
 01  50200301  1730017                  00  19  193.9    68.9                             1                      110     2.1   210     1648
                                             PLANT TOTAL                                  1

40  2160  244   0131  CLUB COSTAMAR COND.CALLE GALICIA
 01  50201301  11720336                 00  19  200.4    67.                              1                      132     2.6   210     2466
                                             PLANT TOTAL                                  1

40  2160  244   0132  COBIAN PLAZA  SANTURCE
 01  50200301  4730106                  00  19  191.1    67.8                             1                      202     2.6   220     2784
                                             PLANT TOTAL                                  1

40  2160  244   0113  ARTURO DIAZ APTS.BLD. NO.1.O.GARDENS
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                                                     EPA REGION IV EIS DATA IN A204 FORMAT                                            PAGE   69
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                              UTM                EMISSIONS IN TONS/YEAR             S T A C K   D A T A
        FIRST                        COMMON  UTM COORDINATES       ESTIMATED          ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC      COMMENTS             STACK  ZN  HORIZ  VERT    PART       SO2      PART      SO2     HGT-FT   FEET    FEET   F   RATE-CFM
 01  50200301                          3 00  19  191.9   63.1                         1                          95     2.6   110    1648
                                             PLANT TOTAL                              1

40  2160  244  0135  BALDORIOTY GARDENS COND CALLE CERRA 501
 01  50200301                          2 00  19  189.9   68.9                         1                         113     2.    230    1648
                                             PLANT TOTAL                              1

40  2160  244  0141  CONDOMINIO MARTI 812 CALLE MARTI ESQ CON
 01  50200301  8730216                   00  19  189.5   68.9                         1                         136     2.6   210    1648
                                             PLANT TOTAL                              1

40  2160  244  0142  BEACH TOWER COND ISLA VERDE RD#187KM.0.1
 01  50200301  8730217                   00  19  194.9   68.                          1                         170     2.6   218    3120
                                             PLANT TOTAL                              1

40  2160  244  0143  COLONIAL COURT.COND.RD.2 KM.6.4 V.CAPARA
 01  50200301  7730191                   00  19  186.3   63.7                         1                         146     2.6   210    7172
                                             PLANT TOTAL                              1

40  2160  244  0146  COND.SAN JUAN GARDENS.LOS ROBLES ST. R.P
 01  50200301  4730091                   00  19  189.9   59.4                         1                         123     2.6   218    1826
                                             PLANT TOTAL                              1

40  2160  244  0147  PARK PLACE COND.PARQUE ST.SANTURCE.
 01  50200301  3730035                   00  19  191.5   68.5                         1                         146     2.6   210    1645
                                             PLANT TOTAL                              1

40  2160  244  0148  ARTURO DIAZ BLDG.NO.11.DUKE ST U.GARDENS
 01  50200301  1730009                   00  19  191.8   63.5                         1                          95     2.6   110    1645
                                             PLANT TOTAL                              1

40  2160  244  0153  EDIF MULTIFAMILIAR INMACULADA.SANTURCE
 01  50200301  12710032                  00  19  192.4   67.4                                                    76     2.1   220    1644
                                             PLANT TOTAL

40  2160  244  0155  COND.EL TREBOL 2 EL MONTE MALL 00-31 B
 01  50200301  6750194                   00  19  192.2   64.1                         1                         159     2.    220    1974
                                             PLANT TOTAL                              1

40  2160  244  0156  COND.LAS CARMELITAS SAN GORGE ST. SANT.
 01  50200301  12710037                  00  19  190.9   69.2                         1                         181     2.3   220    5757
                                             PLANT TOTAL                              1

40  2160  244  0157  VICTORIA PLAZA COND. 10 CANDINA ST.SANT
 01  50200301  12710039                  00  19  190.9   69.2                         1                          14     2.3   220    1645
                                             PLANT TOTAL                              1

40  2160  244  0158  PLAZA 20 COND.PONCE DE LEON 804.MIRAMAR
 01  50200301  12710040                  00  19  191.1   67.8                         1                         169     2.3   220    1809
                                             PLANT TOTAL                              1

40  2160  244  0161  EXECUTIVE HOUSE APTS QUISQUEYA ST.H.R.
 01  50200301  3730078                   00  19  192.6   66.                          1                         106     2.6   210    1644
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                                                      EPA REGION IV EIS DATA IN AQDM FORMAT                                         PAGE   70
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                             UTM                   EMISSIONS IN TONS/YEAR               S T A C K    D A T A
       FIRST                          COMMON  UTM COORDINATES       ESTIMATED         ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC      COMMENTS              STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2      HGT-FT   FEET    FEET   F   RATE-CFM
                                         PLANT TOTAL                                  1

40  2160  244  0165  DE DIEGO COND.  DE DIEGO ST. RIO PIEDRAS
 01  50200301                         00  19  194.3    62.7        6                                         107     2.3   210        17
                                         PLANT TOTAL               6

40  2160  244  0168  GARDEN HILLS ESTATE COND.1500
 01  50200301  2720040                00  19  191.2    68.                        1                          184     2.6   218      2138
                                         PLANT TOTAL                              1

40  2160  244  0169  TAFT 60 COND. TAFT ST. SANT.
 01  50200301  2720046                00  19  191.7    69.8                       1                          129     2.    216      1644
                                         PLANT TOTAL                              1

40  2160  244  0170  CENTRO MEDICO DE PR  MONACILLOS WARD RP
 01  50100505  12710127               00  19  190.4    62.6                       1                            2     1.3   230      3140
                                         PLANT TOTAL                              1

40  2160  244  0171  UNION DE TRABAJADORES DE MUELLE P TIERRA
 01  50200102  12710042               00  19  187.8    70.2                       9                           14     1.    210      1645
                                         PLANT TOTAL                              9

40  2160  244  0176  COND.MAGDALENA.AVE MAGDALENA 1305 COND.
 01  50200101  7720205                00  19  190.9    69.1                       1                          136     2.5   220      2467
                                         PLANT TOTAL                              1

40  2160  244  0182  JARDINES DE SAN IGNACIO.BLDG 3
 01  50200301  1730010                00  19  189.9    60.5                       2                          189     2.6   218      7863
                                         PLANT TOTAL                              2

40  2160  244  0183  JARDINES DE SAN IGNACIO.JAZMIN ST.R.P.
 01  50200301                         00  19  188.9    61.9                       2                           17     2.6   218      7928
                                         PLANT TOTAL                              2

40  2160  244  0186  LOS ROBLES BLDG.III  RIO FIEDRAS
 01  50200301  7720220                00  19  192.6    67.6                       1                            7     2.6   218      1645
                                         PLANT TOTAL                              1

40  2160  244  0188  KINGS TERRACE COND.61 KINGS COURT ST.
 01  50200301  7720253                00  19  191.7    64.8        2              1                            6     2.1   220      1645
                                         PLANT TOTAL               2              1

40  2160  244  0189  TORRE DEL SOL. MCLEARY AVE.1754 SANT-
 01  50200301  7720215                00  19  192.5    68.7                       1                          134     2.6   210      2467
                                         PLANT TOTAL                              1

40  2160  244  0191  CONDADO REAL COND.
 01  50200301  7720209                00  19  191.8    68.9                       1                          217     2.6   218      2467
                                         PLANT TOTAL                              1

40  2160  244  0192  XXI CENTURY BLDG. CALLE PERSEO ALTAMIRA
 01  50200101  7720206                00  19  186.9    63.9                       1                           10     2.6   218      2467
                                         PLANT TOTAL                              1
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                 UTM                 EMISSIONS IN TONS/YEAR          S T A C K    D A T A
        FIRST                          COMMON  UTM COORDINATES      ESTIMATED       ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC        COMMENTS           STACK  ZN  HORIZ  VERT    PART      SO2     PART     SO2    HGT-FT   FEET    FEET   F    RATE-CFM

40  2160  244  0193  CORP.DE VIVIENDAS.PARQUE DE LAS FUENTES.
 01  50200301  6720187                  00  19  191.1    64.3                       1                        183     2.3   218     4112
                                            PLANT TOTAL                             1

40  2160  244  0197  HATO REY PARK COND. 1002 AVE.MUNOZ RIV.
 01  50200301  2720067                  00  19  192.7    63.2                       1                        132     2.6   210     2451
                                            PLANT TOTAL                             1

40  2160  244  0198  LA TORRE DE SAN MATEO COND.
 01  50200301  2720001                  00  19  191.5    67.9                       1                          7     2.5   230     3273
                                            PLANT TOTAL                             1

40  2160  244  0199  JARDINES DE BERWIND.65 DE INFANTERIA R.P
 01  50200301  5720165                  00  19  197.     62.8                       2                         17     2.5   220     4112
                                            PLANT TOTAL                             2

40  2160  244  0201  SAN AGUSTIN APTS.
 01  50200301  11720322                 00  19  194.5    62.2                       1                         71     2.1   210     1645
                                            PLANT TOTAL                             1

40  2160  244  0202  COOP.DE VIVIENDAS ALCAZAR.ST.1 VALCARCEL
 01  50200301  9720300                  00  19  192.2    63.6                       2                         18     2.5   218     6958
                                            PLANT TOTAL                             2

40  2160  244  0204  ASHFORD TERRACE AVE. ASHFORD CONDADO
 01  50200301  11720338                 00  19  190.     69.6                       1                         17     2.6   210     1645
                                            PLANT TOTAL                             1

40  2160  244  0206  COND.PLAZA DEL PARQUE.PARQUE ST.233 SANT
 01  50200301  10720318                 00  19  191.4    68.3                       1                        114     2.1   210     1645
                                            PLANT TOTAL                             1

40  2160  244  0207  COND. ATLANTIC PLAZA CONVENIENCIA ST.
 01  50200301  10720319                 00  19  191.2    69.3                       1                        137     2.6   210     1645
                                            PLANT TOTAL                             1

40  2160  244  0206  SAN JOSE 107 BUILDING  107 SAN JOSE ST
 01  50200301  9720301                  00  19  185.8    70.3                       1                         40     2.    210     1645
                                            PLANT TOTAL                             1

40  2160  244  0205  GCIRIA INC COND CALLE TANCA SAN JUAN
 01  50200301  10720314                 00  19  186.1    70.                        1                         96     2.    210     1645
                                            PLANT TOTAL                             1

40  2160  244  0210  COND.VILLAMIL 306.VILLAMIL 306  SANT.
 01  50200301  9720273                  00  19  189.3    68.8                       1                         12     2.1   160     1645
                                            PLANT TOTAL                             1

40  2160  244  0213  MEDICAL CENTER APTS.CARR.3 SE.ESQ CAR 21
 01  50200301  8720257                  00  19  193.1    62.5                       1                         17     2.6   210     4112
                                            PLANT TOTAL                             1

40  2160  244  0214  COND. 54 COND. INC. 54 CONDADO ST. SANT.
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                             UTM              EMISSIONS IN TONS/YEAR           S T A C K   D A T A
      FIRST                        COMMON  UTM COORDINATES     ESTIMATED       ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC       COMMENTS          STACK  ZN  HORIZ  VERT    PART     SO2    PART     SO2    HGT-FT   FEET    FEET   F   RATE-CFM
 01  50200301  8720255               00    19  190.2   68.7                     1                       136     2.6  218     2467
                                       PLANT TOTAL                              1

40  2160  244  0216  LAS AMERICAS PARK APT 1.PINERO AVE.
 01  50200301  7720225               00    19  191.9   63.9                     2                         8     2.6  218     7731
                                       PLANT TOTAL                              2

40  2160  244  0217  MIRAMAR 700 COND. SANTURCE.
 01  50200301  5720151               00    19  189.1   69.                      1                       107      .8  218     3076
                                       PLANT TOTAL                              1

40  2160  244  0221  TAFT COND. 154 TAFT ST. SANTURCE
 01  50200301  7720227               00    19  191.7   68.8                     1                        96     2.6  214     1645
                                       PLANT TOTAL                              1

40  2160  244  0222  HATO REY PLAZA COND.118 DOMINGO CABRERA
 01  50200301  3720111               00    19  192.6   65.9                     1                        18     2.6  218     1645
                                       PLANT TOTAL                              1

40  2160  244  0224  COSTA LINDA COND  CARR 187 ISLA VERDE
 01  50200301  12710047              00    19  194.4   68.4                     1                       130     2.6  260     1645
                                       PLANT TOTAL                              1

40  2160  244  0225  COND.WILSON 1304.WILSON AVE. SANTURCE.
 01  50200301  11720330              00    19  190.7   68.9                     1                        15     2.1  210     2418
                                       PLANT TOTAL                              1

40  2160  244  0226   MULTIFAMILIAR TRIGO COND.1716 SAN MATEO
 01  50200301  11920333              00    19  191.6   67.9                     1                       147     2.6  210     1645
                                       PLANT TOTAL                              1

40  2160  244  0227  COND.TAFT 61. TAFT #61 SANTURCE
 01  50200301  11720320              00    19  191.7   68.5                     1                       134     2.6  210     1645
                                       PLANT TOTAL                              1

40  2160  244  0229  ASHFORD Y RODRIGUEZ SERRA COND.ASHFORD
 01  50200301  6720263               00    19  190.6   69.2                     1                       103     2.6  210     1645
                                       PLANT TOTAL                              1

40  2160  244  0230  LOS ROBLES IV COND.CAPARRA ST. V.NEVAREZ
 01  50200301  8720250               00    19  192.6   62.5                     1                         7     2.6  218     1645
                                       PLANT TOTAL                              1

40  2160  244  0232  LAGUNA GARDENS IV ISLA VERDE
 01  50200301  9720307               00    19  196.6   66.1                     2                       135     2.6  218     5428
                                       PLANT TOTAL                              2

40  2160  244  0233  RESIDENCIAL BARVOSA VHO 88.BARBOSA AVE.
 01  50200301  1730005               00    19  192.2   68.                      1                        90     2.6  210     2007
                                       PLANT TOTAL                              1

40  2160  244  0234  COND.ROSARIO.ROSARIO ST. SANT.
 01  50200301  10730301              00    19  191.4   68.6      2              1                       100     2.   200     1645
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                                              EPA REGION IV EIS DATA IN AQDM FORMAT                               PAGE   73
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                               UTM            EMISSIONS IN TONS/YEAR        S T A C K    D A T A
       FIRST                     COMMON UTM COORDINATES   ESTIMATED        ALLOWABLE      PLUME HEIGHT   DIAM  TEMP    FLOW
POINT   SCC    COMMENTS           STACK ZN HORIZ  VERT   PART    SO2      PART    SO2    HGI-FT  FEET    FEET   F   RATE-CFM
                                     PLANT TOTAL               2                1

40  2160  244  0235  ASHFORD 890 COND  890 ASHFORD AVE SANT
 01  50200301  10730295            00  19 190.3    69.4                         1                 126     2.3   210     2188
                                     PLANT TOTAL                                1

40  2160  244  0236  COND-SAN PATRICIO HEIGHTS AVE.S.PATRICIO
 01  50200301  3740086             00  19 187.9    62.9                         1                 336     2.6   218     2731
                                     PLANT TOTAL                                1

40  2160  244  0237  JARDINES DE BERUIND.EDIF D.65 DE INF.RP.
 01  50200301  2720083             00  19 196.9    62.9                         1                  18     2.6   220     3125
                                     PLANT TOTAL                                1

40  2160  244  0238  QUISQUEYA COND. HATO REY
 01  50200301  5740143             00  19 192.8    65.9                         1                 168     2.    220     2079
                                     PLANT TOTAL                                1

40  2160  244  0239  LOS PISOS DE CAPARRA.RD.2 AND MILAN ST.
 01  50200301                      00  19 186.1    63.8                                            18     2.3   210     4275
                                     PLANT TOTAL

40  2160  244  0240  CONDOMINIO DEL MAR CALLE DELCASSE#20 CON
 01  50200301  12710134            00  19 190.3    69.3                                           150     2.5   236     1645
                                     PLANT TOTAL

40  2160  244  0243  DONCELLA APTS.DONCELLA ST.PTAS-LAS MARIA
 01  50200301  3730062             00  19 194.     68.9                         1                  99     2.1   210     1645
                                     PLANT TOTAL                                1

40  2160  244  0244  HOSP. AUXILIO MUTUO.P.DE LEON R.P.
 01  50200505  7730186             00  19 192.8    64.1                         1                   9     1.3   460     1170
 02  10300603  7730186             00  19 192.6    64.1                                           128     1.    460      711
                                     PLANT TOTAL                                1

40  2160  244  0245  PALM BEACH TOWER ANAPOLA STREET ISLA V
 01  50200301  9730244             00  19 196.5    68.1                         1                  89     2.1   220     1645
                                     PLANT TOTAL                                1

40  2160  244  0247  PUERTO RICO ASPHALT COMPANY RD 1 KM.84.3
 01  30500201                      00  19 169.4    18.3     140                30                  30     3.9   100    14390
 02  20200401                      00  19 169.4    18.3                                            15     6.    500      622
                                     PLANT TOTAL            140                30

40  2160  244  0248  CONDOMINIO MONSENOR  AVE.P.DE LEON SANT.
 01  50200301  10730290            00  19 191.7    67.6                         1                 135     2.6   210     1644
                                     PLANT TOTAL                                1

40  2160  244  0249  PARAMOUNT INDUSTRIAL  AVE P.DE LEON
 01  50300102  10730292            00  19 186.3    63.9                         1                         2.1   210     1644
                                     PLANT TOTAL                                1

40  2160  244  0262   COND.MIRAMAR TOWER.
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ST  CNTY AQCR PLANT  NAME AND ADDRESS         EPA REGION IV EIS DATA IN AQDM FORMAT                              PAGE   74

                                            UTM              EMISSIONS IN TONS/YEAR        S T A C K   D A T A
     FIRST                    COMMON UTM COORDINATES      ESTIMATED       ALLOWABLE     PLUME  HEIGHT  DIAM  TEMP  FLOW
POINT SCC      COMMENTS         STACK  ZN  HORIZ    VERT  PART    SO2      PART    SO2  HGT-FT   FEET   FEET   F   RATE-CFM
 01  50200301  2740040             00  19  189.4    68.3                                         180    2.3           1234
                                    PLANT TOTAL

40  2160  244  0263  SWISS CHALET INC.DE DIEGO NO.105 SANT.
 01  10300503                      00  19  191.4    68.6              7        3                  30    1.    470   1080
 02  10300503                      00  19  191.4    68.6              6        1                  15    .8    400    600
 01  10300503                      00  19  191.4    68.6              7        1                 150    1.5   400   2160
                                    PLANT TOTAL                      20        5

40  2160  244  0265   DEL CARMEN SENIOR VILLAE.RIO PIEDRAS
 01  50200301  12760524            00  19  187.0    62.3                                         171    2.3   210   2469
                                    PLANT TOTAL

40  2160  244  0266   CARIBE HILTON HOTEL
 01  10200402  8760105             00  19  180.9    70.                                          156    39.1  200
                                    PLANT TOTAL

40  2160  244  0267   GUADALUPE HOSPITAL REMODELING.P.DE LEON
 01  50200505  9760376             00  19  192.2    65.6                                          45    1.8   210   4115
                                    PLANT TOTAL

40  2160  244  0268   COND.CUEVILLAS.NO 609 MIRAMAR
 01  50200301  5720149             00  19  189.2    68.4                                         125    2.3   220   1646
                                    PLANT TOTAL

40  2160  244  0269  P.R.CONCRETE PCTS.CARR NO 1.R.P.A CAGUAS
 01  30500301                      00  19  189.7    59.3                       8          30                  85
                                    PLANT TOTAL                                8

40  2160  244  0270   COND.SAN JOSE II.APTO.W RIO PIEDRAS
 01  50200301  9760358             00  19   63.2   192.2                                         169    2.3   220
                                    PLANT TOTAL

40  2160  244  0271  ARTURO PICO JR.H/H/C-P.R. CONCRETE
 01  30500301                      00  19  189.2    58.9                      12          30                  65
                                    PLANT TOTAL                               12

40  2160  244  0272   CROV.PROYECTO VBC 158.S.LLANA.MAIN ST.
 01  50100101  8740250             00  19  196.6    62.5              1                              140    2.3   210
                                    PLANT TOTAL                       1

40  2160  244  0273   CONDOMINIO CADIZ.CALLE CHILE 253.H.R.
 01  50200101  2720075             00  19  192.4    65.5                                         153    2.5
                                    PLANT TOTAL

40  2160  244  0274   COND.PLAYA GRANDE.TAFT NO.1 CONDADO
 01  50200301  5740161             00  19  191.7    68.7                                         171    1.8          10288
                                    PLANT TOTAL

40  2160  244  0275   METALEX MFG.CORP.AVE.SIMON MADERA NO.2
 01  10200503  8740269             00  19  192.6    62.6                                           8    1.
                                    PLANT TOTAL

40  2160  244  0276   COND.UNION NORTE.664 UNION ST.MIRAMAR
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                                                       EPA REGION IV EIS DATA IN AJ34 FORMAT                                     PAGE  75
ST  CNTY ACCT PLANT  NAME AND ADDRESS

                                                  UTI                  EMISSIONS IN TONS/YEAR              S T A C K     D A T A
        FIRST                               COMMON  UTM COORDINATES    ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC       COMMENTS                 STACK  ZN  HORIZ  VERT    PART     SO2     PART     SO2    HGT-FT   FEET   FEET    F   RATE-CFM
 01   50200301  10740304                      00   19  189.2   60.8                                               100     2.1   210      1646
                                                   PLANT TOTAL

40  2160  244  0277  DUERO APTS.COND.HONDURA ESQ.COSTA RICA
 01   50200301  3730058                       00   19  193.    65.6                                               153     2.1   210      3292
                                                   PLANT TOTAL

40  2160  244  0278  COND.KINGS KOURT NO 80.KINGS KOURT ST.
 01   50200302                                00   19  191.6   64.9                     1                         171     1.8   210      2517
                                                   PLANT TOTAL                          1

40  2160  244  0279  LAS OLAS.ASHFORD AVE.1503.SANTURCE
 01   50200301  CONDITIONAL PERMIT.                19  191.2   68.9                                               162    30.5
                                                   PLANT TOTAL

40  2160  244  0280  MAP TOWER.RD.NO.2 AND SAN IGNACIO.R.P.
 01   50200301  6760193                       00   19  186.2   63.6
                                                   PLANT TOTAL

40  2160  244  0281  MONTERREY APT.COND.COSTA RICA ST.M.REY
 01   50200301  5760135                       00   19  192.6   66.                                                144     2.3   210      1539
                                                   PLANT TOTAL

40  2160  244  0282  HORMIGONERA P.R.INC.PLANT 1.CARR 845
 01   30501101  6740179                       00   19  191.6   60.4      9                 52              16                  80
                                                   PLANT TOTAL           9                 52

40  2160  244  0283  COND.GRANADA.CALLE COSTA RICA.NO 109
 01   50200301  5760135                       00   19  188.6   62.6                                               100     2.1   210      3292
                                                   PLANT TOTAL

40  2160  244  0284  SANTURCE TOWERS.CALLE FUERTES 360
 01   50200301  9730242                       00   19  191.7   67.8                                                90     1.8   208      1646
                                                   PLANT TOTAL

40  2160  244  0285  SAN MATEO PLAZA.SAN MATEO Y SALDANA ST.
 01   50200301  3730079                       00   19  192.1   67.9                                               144     2.3   210      1646
                                                   PLANT TOTAL

40  2160  244  0287  RESIDENCIAL MONGIL.CARR.PR.176 CUPEY.RP
 01   50200301  3760093.BLDG 1.               00   19  192.4   60.                                                154     2.3   210      4939
 02   50200301  BLDG.2.                       00   19  192.4   60.                                                154     2.3   210      4939
 03   50200301  BLDG.3.                       00   19  192.4   60.                                                154     2.3   210      4939
                                                   PLANT TOTAL

40  2160  244  0288  SKY TOWER III.HORTENSIA Y IRIS ST.
 01   50200301  3760084                       00   19  192.8   41.2                                               198     2.3   210      9877
                                                   PLANT TOTAL

40  2160  244  0289  RESIDENCIAL MONGIL.CARR.176 CUPEY.R.P.
 04   50200301  3760093                       00   19  192.4   60.2                                               135     2.1   210      4939
                                                   PLANT TOTAL

40  2160  244  0290  MULTIFAMILIAR INMACULADA
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                                                  UTM
        FIRST                            COMMON  UTM COORDINATES       EMISSIONS IN TONS/YEAR                STACK   DATA
POINT    SCC.      COMMENTS               STACK  ZN  HORIZ  VERT      ESTIMATED          ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP    FLOW
 01   50200301   12710032                    00  19  192.7   67.7   PART     SO2      PART      SO2    HGT-FT   FEET    FEET   F    RATE-CFM
                                               PLANT TOTAL                                                        76      5.3   220     1646

40  2160  244   0291   PUERTO RICO WATER RESOURCES AUTHORITY.
 01   10100501   4720134                 00  19  187.2    70.2       5       39
 02   10100401                           00  19  187.2    70.2     345     4518                               22     10.9   690   120108
 03   10100401                           00  19  187.2    70.2     345     4518                              160      8.5   340   156153
 04   10100401                           00  19  187.2    70.2     449     5878                              160      8.5   340   156153
 05   10100401                           00  19  187.2    70.2     449     5878                              185      6.    300   235376
 06   10100401                           00  19  187.2    70.2     451     5899                              185      6.    300   235376
 07   10100401                           00  19  187.2    70.2     451     5899                              191      6.    300   235375
 08   10100501                           00  19  187.2    70.2       5       19                              191      6.    300   235375
 09   10200501                           00  19  187.2    70.2       2       19                               37      9.2   690    97869
                                           PLANT TOTAL            2502    32687                               23      9.2   690

40  2160  244   0292   LA CUIDAD DEL RETIRO.PUERTO NUEVO.
 01   50200301   6710169                 00  19  189.1    64.3
                                           PLANT TOTAL                                                        81      1.8

40  2160  244   0293   SANTURCE SODA WATER.AVE.KENNEDY K.3.7
 01   10200503   4760103                 00  19   64.2   187.1
                                           PLANT TOTAL                                                        30

40  2160  244   0294   D'ALL CONCRETE MIX INC.1527.P.DE LEON
 01   30501101   12710153                00  19  191.2    67.7       5                 44
                                           PLANT TOTAL               5                 44           15                    80

40  2160  244   0295   LAVANDERIA PROGRAMA REHABILITACION VOC.
 01   10300503   LAUNDRY.11750367        00  19  189.8    68.8
                                           PLANT TOTAL                                                        30      2.    180

40  2160  244   0296   COND.BELEN.AVE.SAN PATRICIO.CAPARRA HEI
 01   50200301   7750243                 00  19  187.8    63.1
                                           PLANT TOTAL

40  2160  244   0297   COOP.DE VIV.JARDINES DE SAN FRANCISCO.
 01   50200301   6750203                 00  19  192.6    62.3
                                           PLANT TOTAL                                                       195      2.3   210     3293

40  2160  244   0298   COND.EL TAINO.1308 LUCHETTI ST.SANTURCE
 01   50200301   3760077                 00  19  191.3    68.2
                                           PLANT TOTAL                                                                2.3   210     1646

40  2160  244   0299   EL MIRAMAR COND.MIRAMAR AVE Y OLIMPO ST
 01   50200301   7740223                 00  19  188.9    69.3
                                           PLANT TOTAL                                                       126      2.5

40  2160  244   0300   COOP.JARDINES DE SAN FRANCISCO.DE DIEGO
 01   50200301   6750202                 00  19  191.6    61.9
                                           PLANT TOTAL                                                       108      1.8   210     3293

40  2160  244   0301   ALTAMIRA BLDG.CALLE PERSEO G-2 R.PIEDRAS
 01   50200301                           00  19  186.8    62.4
                                                                                                              16      1.3   218     1591
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                              UTM                 EMISSIONS IN TONS/YEAR            S T A C K     D A T A
        FIRST                        COMMON  UTM COORDINATES    ESTIMATED        ALLOWABLE       PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS            STACK  ZN  HORIZ  VERT    PART     SO2     PART     SO2    HGT-FT   FEET    FEET   F   RATE-CFM
                                         PLANT TOTAL

40  2160  244  0302  INTERNATIONAL ASSOCIATES INC.MIRAMAR
 01  50200301                          00  19  189.7    69.                                               20     2.3   218     4984
                                         PLANT TOTAL

40  2160  244  0303   PR.CONCRETE POTS.CARR.1
 01  30500301  5760104                     19  189.6    59.3     306                                      20            80
                                         PLANT TOTAL             306

40  2160  244  0304   COND.APOLO.CALLE SIRCE.ESQ.ESPARTA
 01  50200302                          00  19  188.6    58.9
                                         PLANT TOTAL

40  2160  244  0305   HATO REY ELECTROPLATING CORP.BARBOSA 61
 01  10200503                          00  19  193.5    66.5                                              25      .8
                                         PLANT TOTAL

40  2160  244  0307   JADE RUBBER CORP.BARBOSA AVE.427 H.REY
 01  10200403                          00  19  193.2    65.8                                              60     1.3
                                         PLANT TOTAL

40  2160  244  0308  RIO GRANDE READY MIX.AVE.CENTRAL
 01  30501101                          00  19  188.4    63.1                      45              12                    70
                                         PLANT TOTAL                              45

40  2160  244  0309  PRESBYTERIAN COMMUNITY HOSPITAL.ASHFORD
 01  10300503                          03  19  191.2    69.2       1      11                              20     1.    500      863
 02  10300503                          03  19  191.2    69.2       1      11                              20     1.    500      863
 03  10300503                          03  19  191.2    69.2       1      11                              20     1.    500      863
                                         PLANT TOTAL               3      33

40  2160  244  0310  CUIDAD DE LAS AMERICA.HATO REY.
 01  50200301  6720187                 00  19  192.1    64.3                                              20     2.3   218     4985
                                         PLANT TOTAL

40  2160  244  0311   SAN PATRICIO.D.P.III.PTO.NUEVO.S-1
 01  50200301                          00  19  188.2    64.1                                              17     2.1   210     4156
                                         PLANT TOTAL

40  2160  244  0312  SAN PATRICIO D.P.III.PTO.NUEVO.S-2
 01  50200301                          00  19  188.2    64.1                                              17     2.1   210     4156
                                         PLANT TOTAL

40  2160  244  0313  SAN PATRICIO D.P.III.PTO.NUEVO.S-3
 01  50200301                          00  19  188.2    64.1                                              17     2.1   210     4156
                                         PLANT TOTAL

40  2160  244  0314  SAN PATRICIO D.P.III.PTO NUEVO.S-4
 01  00000000  991    7507021          00  19  188.2    64.1                                              17     2.1   210     4156
                                         PLANT TOTAL

40  2160  244  0315  SAN PATRICIO D.P III.PTO.NUEVO.S-5
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ST  CITY AQCR PLANT  NAME AND ADDRESS       EPA REGION IV EIS DATA IN A304 FORMAT                                  PAGE   78

                                                     UTM                EMISSIONS IN TONS/YEAR              S T A C K    D A T A
        FIRST                               COMMON  UTM COORDINATES      ESTIMATED         ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS                   STACK  ZN  HORIZ  VERT    PART      SO2     PART      SO2    HGT-FT   FEET    FEET    F   RATE-CFM
 01   50200301                                  00  19  188.2   64.1                                                17     2.1   210      4156
                                                   PLANT TOTAL

40  2160  244  0316  VOC.107 39 DWELLING UNITS.FLORES ST.
 01   50200301                                  00  19  189.    68.4                                                20     1.9   210      3400
                                                   PLANT TOTAL

40  2160  244  0317  SAN PATRICIO D.P.III.EDIF.1
 01   50200301                                  00  19  187.8   64.2                                                17     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0318  SAN PATRICIO D.P.III.EDIF.2
 01   50200301                                  00  19  187.8   64.2                                                17     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0319  SAN PATRICIO D.P.III.EDIF.3
 01   50200301                                  00  19  187.8   64.2                                                17     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0320  SAN PATRICIO DP III.EDIF.4
 01   50200301                                  00  19  187.8   64.2                                                17     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0321  SAN PATRICIO D.P.III.EDIF 5
 01   50200301                                  00  19  187.8   64.2                                                17     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0322  SAN PATRICIO D.P.III.EDIF.6
 01   50200301                                  00  19  187.8   64.2                                                17     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0323  SKY TOWER III. HORTENSIA ESQ.IRIS.
 01   50200301                                  00  19  192.1   60.3                                                18     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0324  COND.BIRD CHRISTIASEN.EDIF A.CARR 19 K.1
 01   50200301                                  00  19  189.2   61.                                                 15     2.3   210      4984
                                                   PLANT TOTAL

40  2160  244  0325  BEATRIZ LASALLE P.R.5-71.HATO REY.
 01   50200301                                  00  19                                                                     1.8    90      1527
                                                   PLANT TOTAL

40  2160  244  0326   MONTES MACHINE SHOP.CALLE FRANCIA NO 21
 01   30999999                                  00  19  193.2   65.
                                                   PLANT TOTAL

40  2160  244  0327  COND.LE TREBOL.GENERAL VALERO ST.DELICIA
 01   50200301                                  00  19  194.9   62.9                                                20     2.3    90      2991
                                                   PLANT TOTAL

40  2160  244  0330  COND.BAHIA.LAS PALMA ST. PDA 15.SANTURCE
 01   50200301                                  00  19  191.9   68.8                                                20      .2    90        19
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                                                  UTM                EMISSIONS IN TONS/YEAR                 S T A C K    D A T A
        FIRST                               COMMON  UTM COORDINATES      ESTIMATED          ALLOWABLE         PLUME  HEIGHT    DIAM  TEMP    FLOW
POINT    SCC      COMMENTS                  STACK  ZN  HORIZ  VERT    PART      SO2      PART      SO2    HGT-FT   FEET      FEET   F    RATE-CFM
                                                 PLANT TOTAL

40  2160  244  0331  KINGS COURT 61.KINGS COURT ST NO.81
 01  50200301
                                           00  19  191.6    68.8
                                                 PLANT TOTAL                                                      16     2.5   218      5889

40  2160  244  0332  REXCO INDUSTRIES INC.
 01  30502001  CONT.HWY NO.52             00  19
                                                 PLANT TOTAL                                               13

40  2160  244  0333   LEOPOLDO FIGUEROA COND.CALLE DE DIEGO
 01  50200301
                                           00  19             193.9
                                                 PLANT TOTAL                                                            62.8

40  2160  244  0334  HOSP.NTRA.SENORA DE GUADALUPE.P.DE LEON
 01  50200505
                                           00  19  192.3    64.7
                                                 PLANT TOTAL                                                       4      .8   206       543

40  2160  244  0335  COND.CONCORDIA GARDENS I.RIO PIEDRAS
 01  50200301
                                           00  19  195.1    62.3
                                                 PLANT TOTAL                                                      17     2.3   210      4983

40  2160  244  0336  CANTERAS DE P.R.INC.KM.23.6 CARR9HUL K.P
 01  30502599
                                           00  19  101.3    61.7
                                                 PLANT TOTAL                            42                 10     .              70
                                                                                        42

40  2160  244  0337   COND.CENTRUM PLAZA.MEJICO ST. STOP 30 H
 01  50200301
                                           00  19  193.3    65.8
                                                 PLANT TOTAL                                                      10     2.3   100

40  2160  244  0338  ROMANY HILLS BLDG NO.2.MONACILLOS.RP.
 01  50200301
                                           00  19  188.4    61.2
                                                 PLANT TOTAL                                                     116     2.5   220      5888

40  2160  244  0339  PARADISE GARDENS.CARR.NO.21 KM.4 HM.4
 01  50200301
                                           00  19  189.1    61.9
                                                 PLANT TOTAL                                                       5     2.5   210      5888

40  2160  244  0340   VETERANS ADMINISTRATION.BO.MONACILLOS.
 01  50200505  3730048                     00  19  189.4    62.1
                                                 PLANT TOTAL                                                      52     1.9  1500      7132

40  2160  244  0341   SEGOVIA COND.STO.MEDINA ST.H.REY
 01  50200301  9746297                         19  191.6    64.3
                                                 PLANT TOTAL                                                     216

40  2160  244  0342   GARAGE VELEZ.CALLE 11 NO.519 BO.OBRERO
 01  40200101  7740221                     00  19  193.1    66.4
                                                 PLANT TOTAL                                               10

40  2160  244  0343   ROMANY HILLS.BLDG NO.1 ROMANY GARDENS.
 01  50200101  8750307                     00  19  188.2    61.3
                                                 PLANT TOTAL                                                     171     1.7   220      3918
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ST  CITY ACCT PLANT  NAME AND ADDRESS         EPA REGION IV EIS DATA IN AQ34 FORMAT                                  PAGE   80

       FIRST                                      UTM                 EMISSIONS IN TONS/YEAR             S T A C K    D A T A
POINT   SCC       CONTROLS          COMMON  UTM COORDINATES       ESTIMATED          ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP    FLOW
                                     STACK  ZN  HORIZ  VERT    PART      SO2       PART      SO2     HGT-FT  FEET     FEET   F   RATE-CFM

40  2160  244  0344  JARDINES METROPOLITANOS III.LOS ROBLES
 01  50200301  774201                00  19  190.8    63.3                                                   129      2.5   220      2357
                                       PLANT TOTAL

40  2160  244  0346  COND.PARK PALACE.PARQUE Y M.TRAVIESO ST
 01  50200301  1730065               00  19  191.     67.6                                                   126      1.7   210      2469
                                       PLANT TOTAL

40  2160  244  0347  CAL.TIERRA.CARLOS LOPEZ ZAPATA.873 K.18
 01  30502001  11740363              00  19  190.     65.       15                                    20                      80
                                       PLANT TOTAL              15

40  2160  244  0348  RAINBOW DRY CLEANERS.CARRION MADURO 853
 01  10300503  1760014               00  19  190.4    67.9                                                    26       .5
                                       PLANT TOTAL

40  2160  244  0349  VAC 110 HISPANIA
 01  50200301  1760009               00  19  193.1    62.3                                                            2.3   210
                                       PLANT TOTAL

40  2160  244  0350  VAC III GUARIONEX
 01  50200101  1760034               00  19  193.1    62.3                                                            2.3   210
                                       PLANT TOTAL

40  2160  244  0351  PUERTO RICO CONCRETE PRODUCTS SAN JUAN
 01  30501120  12710224              00  19  180.8    60.7                           17                   10                      80
                                       PLANT TOTAL                                   17

40  2160  244  0352  INTERTRUCT INC.CARR.NO.3 KM.12.8
 01  30501101  1740016               00  19  206.6    60.2                           29                   10                      85
                                       PLANT TOTAL                                   29

40  2160  244  0353  REICHHOLD CHEM.DEL CARIBE RD.RP A CAGUAS
 01  10200403  5730125               02  19  188.2    56.5       1         6          1                            20      1.    395       923
 02  10200403                        02  19  188.2    56.5       1        17          2                            20      1.2   395      2100
                                       PLANT TOTAL               2        23          3

40  2160  244  0354  CONCRETO MIXTO INC SANTURCE
 01  30501101  1720017               00  19  193.6    65.7                           13                   10                      80
                                       PLANT TOTAL                                   13

40  2160  244  0355  HORMIGONERA METROPOLITANA   SAN JUAN
 01  30501101  12710153              00  19  190.     65.        2                   48                   10                      85
                                       PLANT TOTAL               2                   48

40  2160  244  0356  BEST CONTRACT.CORP.CRUSH 1 CARR 485 KM 4
 01  30502001  12710190              00  19  195.1    58.6                           53                   20                      85
 02  10200501                        00  19  195.1    58.6                                                      6       .3   360      1080
                                       PLANT TOTAL                                   53

40  2160  244  0361  MARO-MAR COND.1559 LOPEZ LANDRON ST.
 01  50200101  2740034               00  19  191.4    68.5                            1                            70      1.     77      1644
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                                                      EPA REGION IV EIS DATA IN AQDM FORMAT                                          PAGE   81
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                 UTM                 EMISSIONS IN TONS/YEAR            S T A C K    D A T A
       FIRST                          COMMON  UTM COORDINATES     ESTIMATED        ALLOWABLE      PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC     COMMENTS              STACK  ZN  HORIZ   VERT    PART     SO2     PART     SO2   HGT-FT   FEET    FEET   F   RATE-CFM
 02  50200301                          00  19  191.4    68.5       1                 1                    70     1.    77     1644
                                          PLANT TOTAL              1                 2

40  2160  244  0366  PANADERIA EL DIAMANTE,MERCADO ST NO 9
 01  10300403  3730231                 00  19  185.8    70.4                1        1                    50     1.   300      985
                                          PLANT TOTAL                       1        1

40  2160  244  0367  CARIBE HILTON.
 01  10200402  8760305                 00  19  190.     65.        3       42                            159     2.   400     1207
                                          PLANT TOTAL              3       42

40  2160  244  0371  CONCRETO MIXTO #10 MARIANI PERALTA ST
 01  30501101                          00  19  181.6    63.6                                     20                   80
                                          PLANT TOTAL

40  2160  244  0372  CONCRETO MIXTO #4 TRES MONJITAS,HATO REY
 01  30501101                          00  19  190.2    65.9                                     20                   80
                                          PLANT TOTAL

40  2160  244  0374  SAN JUAN CEMENT CO INC
 01  10200403                          03  19  166.6    62.3       1       12                             50     .7   200      653
 02  10200403                          03  19  166.6    62.3       1       12                             50     .7   200      653
 03  10200403                          03  19  166.6    62.3       1       12                             50     .7   200      653
 04  30500603  KILN #1                 00  19  166.6    62.3     130     1122                             58    6.5   200   125000
 05  30500603  KILN #2                 00  19  166.6    62.3     173     2245                             58    9.    200   222000
 06  30500603  KILN #3                 00  19  166.6    62.3     217     3367                             50   10.9   200   225000
 07  30500699  MILL                    00  19  166.6    62.3     156                                      50     3.   150    46000
 08  30500699  MILL                    00  19  166.6    62.3     260                                      50     3.   150    19000
                                          PLANT TOTAL            939     6770

40  2160  244  0375  CENTRO DIAGNOSTICO  RIO PIEDRAS
 01  50100505  6720181                 00  19  192.9    62.6       1                 1                     6    1.1   206     1026
                                          PLANT TOTAL              1                 1

40  2160  244  0376  PROTECTIVE RELAYS RD.402 KM.1.4
 01  39999999  4740117-RELAY MFG.      00  19  190.     65.        1                 1                    25     .8    80     3830
                                          PLANT TOTAL              1                 1

40  2160  244  0377  LAUNDRY METROP.J.METROPOLITANO ST.NO.32
 01  10300503  10730298                00  19  191.2    63.1                         1                    30     .7   450      742
                                          PLANT TOTAL                                1

40  2160  244  0378  ALTA VISTA APTS.LOS FILTROS RD.
 01  50200101  8730237                 00  19  186.6    61.2                         1                   153    2.6   190     1644
                                          PLANT TOTAL                                1

40  2160  244  0379  GARAGE SAN MIGUEL CORTIJO 611 BO.OBRERO
 01  40200101  1740026 CAR REPAIR      00  19  192.8    67.2                                      6                   80
                                          PLANT TOTAL

40  2160  244  0380  PLAZA DE LA ALAMEDA COND-ESMERALDA ST.
 01  50200101  9730256                 00  19  189.1    59.1                                            162    2.3   210     4737
                                          PLANT TOTAL
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                 UTM               EMISSIONS IN TONS/YEAR          S T A C K    D A T A
        FIRST                      COMMON  UTM COORDINATES      ESTIMATED          ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT    SCC     COMMENTS          STACK   ZN  HORIZ  VERT    PART      SO2       PART     SO2      HGT-FT  FEET    FEET   F    RATE-CFM

40  2160  244  0381  PLAYAMAR CONDOMINIO ISLA VERDE
 01  50200301  4720200             00  19  196.6   67.8                           1                      180     2.5  218      1644
                                       PLANT TOTAL                                1

40  2160  244  0382  PANIFICADORA LA JEREZANA C NAVAS 1060
 01  10100503  2730035             00  19  189.9   68.7                                                   30     1.5  300       616
                                       PLANT TOTAL

40  2160  244  0383  PAN.LA BORINQUENA ST.SAN SEBASTIAN NO152
 01  10300403  8730232             00  19  185.9   70.5       1         8                                 51      .9  300       410
                                       PLANT TOTAL            1         8

40  2160  244  0384  PANADERIA POTIN.PONCE DE LEON 1355
 01  10300503  4730107             00  19  190.6   68.4                           1                       20      .7  300        82
                                       PLANT TOTAL                                1

40  2160  244  0385  ALAMAR CORPORATION  SAN JUAN
 01  50200501  12710031            00  19  194.    68.9                           1                       99     2.1 2200      1644
                                       PLANT TOTAL                                1

40  2160  244  0386  PUERTO RICO SHERATON HOTEL 139 ASHFORD A
 01  10300403  7730176             02  19  190.9   69.5       6        80         8                      265     2.6  450      2948
 02  10300403                      02  19  190.4   69.5       6        80         8                      265     2.6  450      2948
                                       PLANT TOTAL           12       160        16

40  2160  244  0387  PARQUE SAN PATRICIO.URB.CAPARRA
 01  50100599  11710012            00  19  187.9   64.8                           2                      124          220      4112
                                       PLANT TOTAL                                2

40  2160  244  0388  LA CONCHA HOTEL (HUATT).AVE.ASHFORD
 01  10300403  10730250            02  19  190.3   69.4       2        21         9                      120     3.   460       994
 02  10300403                      02  19  190.3   69.4       2        22         9                      120     3.   510       994
                                       PLANT TOTAL            4        43        18

40  2160  244  0389  THE SELL CO. AVE. KENNEDY INT ARMY TERM.
 01  10200503  12720375            00  19  186.9   65.4                           2                       15     1.2  500      1555
                                       PLANT TOTAL                                2

40  2160  244  0390  ALBERTO CULVER INC.CARR.CUPEY KM.0 HM.5
 01  10200503  4740105             00  19  193.6   59.8                           1                       26      .6  375       220
                                       PLANT TOTAL                                1

40  2160  244  0391  CLINICA DR.E.FERNANDEZ GARCIA.P.DE LEON.
 01  50200505  12710131            00  19  192.1   65.5                           1                       20     1.3 1600      3450
                                       PLANT TOTAL                                1

40  2160  244  0392  COUNTRY CLUB CLEANER.EIDER NO.926 C.CLUB
 01  10300503  7730190             00  19  198.6   64.4                 1         1                       24     1.   420       333
                                       PLANT TOTAL                      1         1

40  2160  244  0393  MOTORSE PARTS DIST. AVE.P.DE LEON 652
 01  40200101  3730053             00  19  192.    66.4                           1                       20     2.6   80      3000
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ST  CNTY AQCR PLANT  NAME AND ADDRESS          EPA REGION IV EIS DATA IN AQDM FORMAT                                        PAGE   83

                                        UTM                     EMISSIONS IN TONS/YEAR               S T A C K   D A T A
       FIRST                     COMMON  UTM COORDINATES     ESTIMATED          ALLOWABLE         PLUME  HEIGHT  DIAM  TEMP   FLOW
POINT   SCC      COMMENTS         STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2     HGT-FT  FEET    FEET   F    RATE-CFM
                                     PLANT TOTAL                              1

40  2160  244  0395  ELDAL GARDENS COND. 1217 MAGDALENA AVE.
 01  50200301  12730054           00  19  190.4    69.1                        1                       99     2.    220     1644
                                     PLANT TOTAL                              1

40  2160  244  0396  SAN PATRICIO COND.ST.1 ESQ.6  SAN.PAT.
 01  50200301                     00  19  188.2    64.1                        1                      126     2.6   210     1644
                                     PLANT TOTAL                              1

40  2160  244  0397  EL VEDADO COND.DEGRAFOUX ST.HATO REY
 01  50200301  5730127            00  19  191.7    65.2                        1                      126     2.6   218     1644
                                     PLANT TOTAL                              1

40  2160  244  0398  COND. EL CAMPEADOR.CERVANTE Y LUCHETTI S
 01  50200301                     00  19  190.9    69.                         1                       90     2.6   220     1644
                                     PLANT TOTAL                              1

40  2160  244  0399  PARKSIDE COND.SAN PATRICIO AVE.
 01  50200301  4720147            00  19  187.6    63.7                        1                       15     2.6   218     1644
                                     PLANT TOTAL                              1

40  2160  244  0400  STGO.IGLESIA COND.STGO.IGLESIA ST. COND.
 01  50200301                     00  19  190.6    69.                         1                      126     2.6   210     2073
                                     PLANT TOTAL                              1

40  2160  244  0401  CARLTON COURT COND.
 01  50200301                     00  19  193.2    68.6                                                99     2.1   220     1644
                                     PLANT TOTAL

40  2160  244  0402  SAN JOSE I-II   RIO PIEDRAS
 01  50200302  TOWER -1           00  19  195.7    63.3                        2                      169     2.6   220     1652
                                     PLANT TOTAL                              2

40  2160  244  0403  LOS ROBLES BLDG.CALLE CAPARRA.V.NEVAFEZ
 01  50200302  9733262            00  19  191.3    63.2                        1                      135     2.5   218     5593
                                     PLANT TOTAL                              1

40  2160  244  0404  CHATEAU MIRAMAR COND.#607 HOARE ST.MIRA
 01  50200301                     00  19  189.5    68.7                        1                      153     2.6   210     1644
 02  50200101  4740103            00  19  189.5    68.7                        1                      153     2.6   210     1644
                                     PLANT TOTAL                              2

40  2160  244  0405  COND.EXECUTIVE MANSIONS.LUCHETTI ST.
 01  50200301  3730078            00  19  190.5    70.                         1                       90     2.    80      1644
                                     PLANT TOTAL                              1

40  2160  244  0406  RES.ORQUIDEAS.BARRIO SABANA LLANA R.P.
 01  50200301  972-0200           00  19  194.1    64.6                        1                      225     2.6   210     4112
 02  50200301                     00  19  194.1    64.6                        1                      225     2.6   210     4112
 03  50200301                     00  19  194.1    64.6                        1                      225     2.6   210     1940
                                     PLANT TOTAL                              3

40  2160  244  0407  JARDINES DE VALENCIA.FC. PEREIRA LEAL
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                                                 EPA REGION IV EIS DATA IN AQDM FORMAT                                  PAGE   84
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                               UTM              EMISSIONS IN TONS/YEAR           S T A C K    D A T A
       FIRST                     COMMON  UTM COORDINATES   ESTIMATED          ALLOWABLE      PLUME   HEIGHT   DIAM  TEMP  FLOW
POINT   SCC     COMMENTS          STACK  ZN  HORIZ  VERT    PART     SO2      PART     SO2   HGT-FT   FEET    FEET   F   RATE-CFM
 01 50200301                       00    19  193.8  64.2                         2                      17    2.6    210     7550
                                       PLANT TOTAL                               2

40  2160  244  0408  PTA.DE TIERRA COND. PUERTA DE TIERRA S.J
 01 50200301                       00    19  187.0  70.1                         1                      17    2.6    210     4030
                                       PLANT TOTAL                               1

40  2160  244  0409  COND.DOS TORRES.AVE. FERNANDEZ JUNCOS
 01 50200301   872-0251            00    19  189.3  68.8                         1                     108    2.6    218     1644
                                       PLANT TOTAL                               1

40  2160  244  0411  CON.CONDADO 75.SANTURCE
 01 50200301                       00    19  190.3  69.1                         1                      19    1.8    210     1644
                                       PLANT TOTAL                               1

40  2160  244  0412  COND.PARK PALACE.CALLE PARQUE
 01 50200302   3736085             00    19  190.8  66.7                         1                            2.     210     2451
                                       PLANT TOTAL                               1

40  2160  244  0414  COND.VENUS TOWER.CALLE MEJICO.COSTA RIC
 01 50200301   5760145             00    19  193.2  65.4                                               100    2.5    218     2469
                                       PLANT TOTAL

40  2160  244  0415  CANTERA VENUS GARDENS.URB.V G.CUPEY R.P.
 01 30502001                       00    19  193.2  63.9                        50                      20           85
                                       PLANT TOTAL                              50

40  2160  244  0416  COND.TORRECIELO.M.TRAVIESO ST.SANTURCE
 01 50200301   6730155             00    19  191.2  68.3                         1                     183    2.5    220     2640
                                       PLANT TOTAL                               1

40  2160  244  0417  MIRCDI COND.AVE.SAN PATRICIO LOTE 4
 01 50200302   374-0059            00    19  188.3  63.7                         1                     126    2.5    210     2640
                                       PLANT TOTAL                               1

40  2160  244  0421  REXACH BLOCK CORP.  BO. OBRERO SANTURCE
 01 30501120   12710166 MIXER/POT  00    19  193.9  66.6                        17             20                    80
                                       PLANT TOTAL                              17

40  2160  244  0423  COND.JARDINES DE BERWIND- RIO PIEDRAS.
 01 50200301   4740114             00    19  196.1  62.3                         1                     175    3.2    220     1644
                                       PLANT TOTAL                               1

40  2160  244  0424  HORMIGONERA INC-PLANTA NO. 2 HATO REY
 01 30501101   3730056             00    19  191.6  65.7                        79             20                    85
                                       PLANT TOTAL                              79

40  2160  244  0425  COND.CONDADO REAL.CALLE MCLEARLY Y KINGS
 01 50200301                       00    19  192.1  66.6                                                90    2.5           3457
                                       PLANT TOTAL

40  2160  244  0427  SLUDGE INCINERATION AT P.R.SEWAGE HWY.2
 01 50100506                       00    19  190.   65.      41       8                                 85    2.     120      100
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ST  CNTY AQCR PLANT  NAME AND ADDRESS                   EPA REGION IV EIS DATA IN AQDA FORMAT                              PAGE   85

                                              UTM             EMISSIONS IN TONS/YEAR              S T A C K   D A T A
       FIRST                        COMMON  UTM COORDINATES ESTIMATED       ALLOWABLE         PLUME  HEIGHT   DIAM  TEMP    FLOW
POINT   SCC      COMMENTS           STACK ZN  HORIZ    VERT   PART      SO2     PART     SO2  HGT-FT    FEET   FEET     F  RATE-CFM
                                          PLANT TOTAL           41        6

40  2160  244   0428  PEPSI COLA BOTTLING COMP.VILLA PRADES IN
 01  10200403  CYCLOTHERM BOILERS     00  19  196.2    63.3               3                               22    1.   500       943
 02  10200403  CYCLOTHERM BOILERS     00  19  193.     65.       1        6                               22   1.4   550      2072
                                          PLANT TOTAL            1        9

40  2160  244   0429  H CARMELITANO J BENGOECHEA FINAL URB SAN
 01  50200302                         00  19  197.5    62.2       1                                        99    4.   430       768
 02  10100501                         02  19  197.5    62.2                                                94    4.
 03  10100501                         02  19  197.5    62.2                                                94    4.
                                          PLANT TOTAL            1

40  2160  244   0430  COFFEE PROCESS PLANT BLC PORT ZONE P NUF
 01  30200299  HULLING COFFEE         00  19  187.3    66.4
                                          PLANT TOTAL

40  2160  244   0431  GROV BERWIND UBC158 S.LLANA ST RIO PIEDR
 01  50200301                         00  19  197.     62.8       7                                       110   2.3   210       761
                                          PLANT TOTAL            7

40  2160  244   0432  COND DARLINGTON AVE. L.M.RIVERA # 1007 R
 01  10300503                         00  19  192.2    63.1               1                               155   1.6   300       183
                                          PLANT TOTAL                     1

40  2160  244   0433  COSTA LINDA II K 2 R 187 ISLA VERDE
 01  50200301                         00  19  195.4    67.9       1                                       178   5.3   210      4049
                                          PLANT TOTAL            1
                                          COUNTY TOTAL        9392    58654     1052

40  2200  244   0002  SAN LORENZO LAUNDRY.F.SANCHEZ LOPEZ 57
 01  10300503  4730100                00  19  204.3    39.7                        1                       14   1.6   490        48
                                          PLANT TOTAL                              1

40  2200  244   0003  DAVID CABRERA INC  CARR # 183 KM 1 H.4
 01  30502001  11740347               00  19  195.7    43.6                       49              40                   80
                                          PLANT TOTAL                             49

40  2200  244   0004  NATIVIDAD DAVILA QUINTANA.CARR.912 K 5.3
 01  30502006                         00  19  202.8    35.1      90               44              30                   70
                                          PLANT TOTAL           90                44

40  2200  244   0007  PLANTA IND.DE ARENA.CARR.183 RAMAL 928
 01  30502001  1760018.               00  19  199.6    41.6       8               22              17                   80
                                          PLANT TOTAL            8                22

40  2200  244   0008  EXT.MAT.CORTEZA TERRESTRE.CARR.181 KM.1
 01  30502001  5760167                00  19  202.1    40.4       2                               20                   80
                                          PLANT TOTAL            2

40  2200  244   0009  CAYAGUAX SAND & GRAVEL.CARR 181 K.1.0
 01  30502001  12710113               00  19  201.5    39.1      27                               18                  175
                                          PLANT TOTAL           27
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ST  CNTY AQCR PLANT  NAME AND ADDRESS          EPA REGION IV EIS DATA IN AQD4 FORMAT                                  PAGE   86

        FIRST                                      UTM                  EMISSIONS IN TONS/YEAR
POINT    SCC      COMMENTS            COMMON  UTM COORDINATES      ESTIMATED          ALLOWABLE              S T A C K     D A T A
                                      STACK  ZN  HORIZ  VERT     PART     SO2       PART      SO2      PLUME  HEIGHT    DIAM  TEMP    FLOW
                                                                                                       HGT-FT   FEET    FEET    F   RATE-CFM
40  2200  244  0010  ARENAS S.LORENZO  ROAD 181 K 8 BO QUEBRA
 01  30502501
                                      00  19  201.9     39.
                                        PLANT TOTAL                                                 15

40  2200  244  0011  PRODUCTORA INDUSTRIAL INC. ROAD 916 KM.2
 01  30502001
                                      00  19  202.4    37.8
                                        PLANT TOTAL                                                 19     400           80
                                        COUNTY TOTAL            127                116

40  2240  244  0001  CENTRAL PLATA CARR 111 KM 18.6
 01  10201101                         04       91.2    57.1     243       8
 02  10201101                         04       91.2    57.1     198                                        160    14.   600    61712
 03  10201101                         04       91.2    57.1     454      28                                160    14.   600    50743
 04  10201101                         04       91.2    57.1     520      34                                160    14.   600   115196
                                        PLANT TOTAL            1415      70                                160    14.   600   132343

40  2240  244  0002  HORMIGONERA MAYAGUEZANA RD.ROBLES KM 6
 01  30501101  5720172
                                      00  19   92.7    55.8
                                        PLANT TOTAL                                41               10                   85
                                                                                   41

40  2240  244  0005  HORMIGONERA MAYAGUEZANA.CARR.ROBLES K.0
 01  30501101  6760198
                                      00  19   95.7    53.4       3
                                        PLANT TOTAL               3                                 17                   80

40  2240  244  0006  BLOQUES LAPINO INC.
 01  30500301  5760133
                                      00  19   95.7    53.4       5
                                        PLANT TOTAL               5                                 12                   80
                                        COUNTY TOTAL           1423      70        41

40  2280  244  0005  EMANUELLI SAND &GRAVEL CORP.SANTA ISABEL
 01  30502501  12710196
                                      00  19  154.5    15.8       5                72
                                        PLANT TOTAL               5                72               15                   85

40  2280  244  0007  TITO CASTRO READY MIX.BO.VELAZQUEZ R153
 01  30501101  12710105
                                      00  19  155.5     17.       1                62
                                        PLANT TOTAL               1                62               30                   80

40  2280  244  0011  ALIMENTOS BORINQUENOS S.A. RD.153 KM.1.2
 01  10200403  1740024
                                      00  19   55.5    15.1       4      18
                                        PLANT TOTAL               4      18                                 30    2.8   300     7919

40  2280  244  0015  BLOCK-ITO INC.BO.VELAZQUEZ
 01  30500399  CEMENT BLOCKS MFG.     00  19  154.8    16.5
                                        PLANT TOTAL                                14               12                   70
                                                                                   14

40  2280  244  0016  PONCE ASPHALT INC.BO.VELAZQUEZ
 01  10200402  12710110
 02  30500199
                                      00  19  155.5    17.5       5      61
                                      00  19  155.5    17.5      26                                          25     5.   150
                                        PLANT TOTAL              31      61                                  30     4.   150      200
                                        COUNTY TOTAL             41      79       148

40  2300  244  0002  PANADERIA ZULMA.CALLE PALMER NO.3
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ST  CITY APCR PLANT  NAME AND ADDRESS            EPA REGION IV EIS DATA IN AQDM FORMAT                                   PAGE   87
                                                UTM             EMISSIONS IN TONS/YEAR           S T A C K   D A T A
       FIRST                     COMMON  UTM COORDINATES      ESTIMATED       ALLOWABLE        PLUME HEIGHT    DIAM  TEMP     FLOW
POINT    SCC    COMMENTS          STACK   ZN  HORIZ    VERT    PART      SO2     PART   SO2   HGT-FT   FEET    FEET     F RATE-CFM
 01  10300401  2730022               00   19  172.1    61.7                3        1                    12     1.6   320       39
                                      PLANT TOTAL                          3        1

40  2300  244  0005  REXACH SAND Y GRAVEL CORP.CARR.624 K.0
 01  30502001  3750304               00   19  172.1    60.1                                       20
                                      PLANT TOTAL

40  2300  244  0006  EMPRESAS TERRASA INC.CARR.827 KM.8
 01  30502001  7760267               00   19  174.2    58.4       1                                      20            80       17
                                      PLANT TOTAL                 1

40  2300  244  0007  TOA ALTA HEIGHTS.PR.ROADS 828 Y 629
 01  30502001                        00   19  172.3    58.9      30                54             15                   80
                                      PLANT TOTAL                30                54
                                     COUNTY TOTAL                31        3       55

40  2320  244  0003  ALSIDE INTERNATIONAL INC  TOA BAJA
 01  10100503  1740023               00   19  171.4    67.4                                              13      .8   466      598

40  2320  244  0005  PRWRA-PALO SECO
 01  10100401                        02   19  182.5    69.1     370     4435                            196     8.2   315   142528
 02  10100401                        02   19  182.5    69.1     370     4435                            196     8.2   315   142528
 03  10100401                        04   19  182.5     69.     455    10501                            222      8.   297   151775
 04  10100401                        04   19  182.5     69.     455    10501                            222      8.   297   151775
 05  20100101                        07   19  182.5     69.      52      453                             40     9.6   930   181443
 06  20100101                        07   19  182.5     69.      52      453                             40     9.6   930   181443
 07  20100101                        07   19  182.5     69.      52      453                             40     9.6   930   181443
 08  20100101                        00   19  182.5     69.      28       62                             23     9.2   690   194415
 09  20100101                        00   19  182.5     69.      55      126                             40    10.5   690   388830
                                      PLANT TOTAL              1889    31419

40  2320  244  0006  HOLSUM BAKERS OF P.R. CARR 2 KM 20.1
 01  10200402                        02         183.3    60.7       9                                      50     1.7   500     6739
 02  10200402                        02         183.3    60.7       9                                      50     1.7   500     6739
                                      PLANT TOTAL                18

40  2320  244  0008  CONCRESEAL INC.CARR.866 KM. 6.3
 01  30501101  4740099               00   19  180.8    68.1                         7             10                   80
                                      PLANT TOTAL                                   7

40  2320  244  0009  READY MIX CONCRETE PLANT #7
 01  30501101                        00   19  177.8     70.                3       17             30                   80
                                      PLANT TOTAL                          3       17

40  2320  244  0011  OLD SAN J. DISTILLING CO. PALO SECO
 01  10200403                        02   19  183.2     69.       9      106        5                    80     2.5   300     5000
 02  10200403                        02   19  183.2     69.       9      106        3                    80     2.5   300     5000
                                      PLANT TOTAL                18      212        8

40  2320  244  0014  TOA CANNING CO.INC.RD.866 KM.1.6
 01  10200403  12710155              00   19  177.1    63.6       1       20        1                    76     2.5   400     1858
                                      PLANT TOTAL                 1       20        1
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ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                UTM             EMISSIONS IN TONS/YEAR            S T A C K    D A T A
       FIRST                          COMMON  UTM COORDINATES    ESTIMATED         ALLOWABLE      PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT   SCC      CONTENTS             STACK  ZN  HORIZ  VERT    PART      SO2      PART     SO2   HGT-FT  FEET    FEET    F   RATE-CFM

40  2320  244  0016  QUALITY MIX CONCRETE INC.RD 866 KM .7
 01  30501101  1720019                 00  19  176.9    64.1                         48             13                      80
                                          PLANT TOTAL                                48

40  2320  244  0020          NADA
 01  30501101  2760028                 00  19  172.1    64.3                         54             15
 02  30501199  CEMENT BATCHER          00  19                                        22             20
 03  30501099                          00  19                                                       20
 04  30501099                          00  19                                                       20
                                          PLANT TOTAL                                76

40  2320  244  0021   BORICUA WOOD PROCESSING INC.865 AND 866
 01  10200403  7760269                 00  19  176.0    64.7       28      371                             40    1.5
                                          PLANT TOTAL              28      371

40  2320  244  0022   RETREADING SHOP.RD.2 K.19.2 CANDELARIA
 01  10200503  11760462                00  19  172.4    63.9                                                5     .8
                                          PLANT TOTAL
                                          COUNTY TOTAL           1954    32025      157

40  2340  244  0001  CANTERA DIAZ INC. KM 5.6 P.R. 175 00936
 01  30502001  PRIMARY CRUSHER         00  19  196.4    54.6       14                               30                      80
 02  30502002  SECONDARY CRUSHER       00  19  196.4    94.6       43                               30                      80
 03  30502003  TERT CRUSHER/SCREEN     00  19  196.4    94.6      127                               30                      80
 04  30502003  TWO TERT. CRUSHER       00  19  196.4    94.6       49                               30                      80
 05  30502003  CRUSHER                 00  19  196.4    94.6        1                               30                      80
 07  30502006  CONV.E HANDLING         00  19  196.4    94.6      176                               30                      80
                                          PLANT TOTAL             410

40  2340  244  0002  DIAZLITE INC.MATIENZO WARD.
 04  30502001  12710057                00  19  199.     56.6                        176                    48    6.9   167   108360
 05  10200503  1272-0373               00  19  198.     56.6                         44                    48    6.9   168   108360
                                          PLANT TOTAL                               220

40  2340  244  0010  CONCORDIA GARDENS NO 11.65 INFANTERIA
 01  50200301                          00  19  195.2    65.3                          1                    27    2.2   210     4556
                                          PLANT TOTAL                                 1

40  2340  244  0011   COND.LOS CLAVELES.VGC.59 NO.1
 01  50200301  10730294                00  19  195.9    58.8        6                 2                  1156    2.6   210     6064
                                          PLANT TOTAL               6                 2

40  2340  244  0013  TOUGHLITE CONCRETE PRODUCTS BO.MARTIENZO
 01  10200403  8720244-                00  19  198.1    57.4       72      884     5000                   115    8.    650    90422
 02  30501120  BLOCK MFG.              00  19  198.1    57.4                         17             10                      80
                                          PLANT TOTAL              72      884     5017

40  2340  244  0014  EL CORDOBES.ROAD NO 846.
 01  50200101                          00  19  195.6    59.9                          1                    17    2.6   210     4556
                                          PLANT TOTAL                                 1

40  2340  244  0015  LOS CANTIZALES INC KM1 NO 9 T. ALTO
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                                                  UTM                  EMISSIONS IN TONS/YEAR              S T A C K    D A T A
        FIRST                              COMMON  UTM COORDINATES    ESTIMATED        ALLOWABLE        PLUME  HEIGHT   DIAM  TEMP    FLOW
 POINT   SCC      COMMENTS                  STACK  ZN  HORIZ  VERT   PART      SO2     PART     SO2     HGT-FT  FEET    FEET   F    RATE-CFM
  01  50200506  10730286                      00   19  194.6   60.2                       4                      175     2.5   320     2120
                                                  PLANT TOTAL                             4

 40  2340  244  0020   JARDIN DE TRUJILLO ALTO.CARR.850 KO.6
  01  50203101  1760004.COND.G                00   19  195.1   58.3
                                                  PLANT TOTAL                                                     90     1.8   210     3290

 40  2340  244  0021   JARDIN DE TRUJILLO ALTO.CARR 850 K.0.6
  01  50203101  1760003.COND F.               00   19  195.1   58.3
                                                  PLANT TOTAL                                                     90     1.8   210     3290

 40  2340  244  0022   ITO-MAR SAND & GRAVEL INC.
  01  30502001  1760006                       00   19  198.2   57.1     1                19          15
                                                  PLANT TOTAL           1                19

 40  2340  244  0023   VOC-59 TORRE II.
  01  50200301  3760088                       00   19  197.7   47.1
                                                  PLANT TOTAL                                                    153     2.5   210     6585

 40  2340  244  0024   PUERTA DEL SOL HIGH RISE.T.ALTO EXPRESWA
  01  50200301  3740069                       00   19  194.6   61.5
                                                  PLANT TOTAL                                                    207     1.8   210     6585

 40  2340  244  0025   EL CONQUISTADOR DEVELOPMENT.RD.175 K.10
  01  30502001  2740041                       00   19  197.2   56.8   155                            20                        175
                                                  PLANT TOTAL         155

 40  2340  244  0026  COND.CONCORDIA GARDENS II.AVE 65 INF.EXP
  01  50200301                                00   19  198.    56.6
                                                  PLANT TOTAL                                                    171     2.3   210     4650

 40  2340  244  0027  METRO CONSTRUCTION.CO.CARR.860 KM.1 HM.0
  01  30502001                                00   19                20                              15                         80
                                                  PLANT TOTAL          20

 40  2340  244  0028  CO. PASTEURIZADORA INC.R 181 K 4 RIO PIE
  01  10100401                                00   19  195.4   61.5              1                                    40     1.    350      665
                                                  PLANT TOTAL                    1
                                                  COUNTY TOTAL        664      885     5264

 40  2380  244  0011  CENTRO SALUD DE UTUADO LAVANDERIA
  01  10300403  6730149                       00   19  124.    48.               5        1                            3      .8   445      977
                                                  PLANT TOTAL                    5        1
                                                  COUNTY TOTAL                   5        1

 40  2420  244  0003  EL MORRO GLASS CO. STATE ROAD 690
  01  30501401  9720282                       00   19  162.9   66.8                      11                           70     3.3   400    19092
                                                  PLANT TOTAL                            11

 40  2420  244  0004  GENERAL ELEC.PILOT DEVICES URB. INDUSTRI
  01  30400899  3720101 GRINDING              00   19  163.2   64.8                                                   20      .5    75     1520
  02  30400899  ALUM & ZINC DIE CAST          00   19  163.2   64.8                       1                           28     2.8   100     4960
  03  40200501  FRAME                         00   19  163.2   64.8                                                   22     1.6    77      872
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                                                 UTM                     EMISSIONS IN TONS/YEAR
        FIRST                        COMMON  UTM COORDINATES        ESTIMATED          ALLOWABLE           S T A C K       D A T A
POINT    SCC       COMMENTS           STACK  ZN  HORIZ  VERT     PART      SO2      PART      SO2     PLUME  HEIGHT   DIAM  TEMP    FLOW
 04   40200801  BAKING OF ENAMELLED    00    19  163.2    64.8                                          HGT-FT  FEET     FEET   F   RATE-CFM
 05   40200401                         00    19  163.2    64.8                                                    20       .3   300      160
                                         PLANT TOTAL                                                              22      1.    77     2040
                                                                                    1

40  2420  244  0010  MADEL DE P.R.URB.IND.VEGA ALTA.
 01   30502599
                                       00    19  163.2    64.6
                                         PLANT TOTAL                                               12                          70

40  2420  244  0011   SAND EXTRACTION FOR FOUNDRY.RD 690 K 3.
 01   30502001  4760112
                                       00    19  161.0    68.3     2
                                         PLANT TOTAL               2                                                           70

40  2420  244  0012   ALUM PLANT ALLIED CHEM.DE PR.BO.ARENAS
 01   30300199  5730251
                                             19  163.1    70.4
                                         PLANT TOTAL                                                       6       1.2   175
                                         COUNTY TOTAL              2                12

40  2400  244  0005  JUCARERICK QUARRY ,RD 670 KM 7.7
 01   30502001  PRIMARY CRUSHER        00    19  154.7    66.5
 02   30502006  LIMESTONE              00    19  154.7    66.5    15                                30                          80
                                         PLANT TOTAL              15                                25                          80

40  2460  244  0011  CONCRETERA SAN DEMETRIO KM.42.H.5 CARR.2
 01   30501101  12710000
                                       00    19  153.3    67.6     1                52
                                         PLANT TOTAL               1                52              10                          85

40  2460  244  0012  CANTERAS VEGA BAJA INC. RD 2 KM.41.5
 01   30502001  7720204
                                       00    19  154.1    67.6    42
                                         PLANT TOTAL              42                61              10                          85
                                                                                    61

40  2460  244  0013  PROKA-VEGA BAJA SR#2
 01   20100101
                                       00    19  165.5    68.1   155      1357
                                         PLANT TOTAL             155      1357                             40       9.6   930   544328

40  2460  244  0014  FABRICA DE BLOQUES VEGA BAJA.RIO ABAJO
 01   30501120  2750059.BLOCK MFG      00    19  157.1    65.4    21
 02   10300403                         00    19  157.1    65.4     1         6      62              30                          80
 03   30501199  STORAGE                00    19  157.1    65.4                       1                      18       1.5   400     1700
                                         PLANT TOTAL              22         6      63              20                          80

40  2460  244  0020  WARNER LAMBERT.(PYRIDIUM MFG).
 01   30199999  PYRIDIUM-STARCH        00    19
                                         PLANT TOTAL                                                       23       1.6   160     3016

40  2460  244  0021   AD-CO COLOR CO.CABL CARIBE IND.PARK.
 01   10200503  2750045
                                       00    19  158.1    65.7               2
                                         PLANT TOTAL                         2                             25       1.6

40  2460  244  0022   W-L IND.DEV.CERTS AND ROLAIDS PROCESS
 01   10200402  6760191
                                       00    19  161.5    68.8     4        57
                                         PLANT TOTAL               4        57                             29       1.7   270

40  2460  244  0023   PRODUCTORA DE AGREGADOS INC.RD.2 K.41.0
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ST  CNTY AQCR PLANT  NAME AND ADDRESS          EPA REGION IV EIS DATA IN AQDM FORMAT                                   PAGE   91

                                               UTM              EMISSIONS IN TONS/YEAR
       FIPS                             COMMON  UTM COORDINATES    ESTIMATED        ALLOWABLE          S T A C K    D A T A
POINT   SCC       COMMENTS               STACK  ZN  HORIZ  VERT   PART     SO2     PART     SO2     PLUME  HEIGHT   DIAM  TEMP    FLOW
 01  30502001  9760363                    00  19  154.5    67.8                                    HGT-FT  FEET     FEET   F    RATE-CFM
                                            PLANT TOTAL                                              18                     80

40  2460  244  0024  NIKKI P.R INC CABO CARIB IND PARK VEGA B
 01  10100403                             00  19  157.1    68.7
                                            PLANT TOTAL                                                     40      1.4   500      1581
                                            COUNTY TOTAL          239     1422      176

40  2480  244  0001  GEN.ELEC.SWITCHGEAR INC.
 01  40200101  12710124                   02  19  255.     34.2
 02  40200101                             02  19  255.     34.2                                             18      1.     80       120
                                            PLANT TOTAL                                                     18      1.     80       120

40  2480  244  0005   JAIME A.RIVERA DAVILA.BO.MONTE SANTO.
 01  30500301  5760148                    00  19  253.8    33.1     3
                                            PLANT TOTAL             3                                                      80
                                            COUNTY TOTAL            3

40  2500  244  0001  SANSON READY MIX CORP.BO JAGUEYES KM59.6
 01  30501101  9720297                    00  19  144.8    30.6     1                 53              10                    80
                                            PLANT TOTAL             1                 53

40  2500  244  0003  CLAPO ENTERPRISES CORP.RD.150 K.9.9 CAGN
 01  30599999  MARBLE IS QUARRIED         00  19  145.8    32.
                                            PLANT TOTAL                                              19                    80
                                            COUNTY TOTAL            1                 53

40  2540  244  0001  CENTRAL ROIG YABUCOA RD#3 KM 94.1
 01  10201102  11710028 BAGASS BOIL       04  19  211.7    25.6   138
 02  10201102                             04  19  211.4    25.6    14        2                              180     10.    600     38204
 03  10201102                             04  19  211.4    25.6   729       59                              180     10.    600    343683
 04  10201102                             04  19  211.4    25.6   420       38                              180     10.    600    256482
 05  10201102                             06  19  211.4    25.6   314                                       180     10.    600    148369
 06  10201102                             06  19  211.4    25.6   879       74                              150      8.    600    104156
                                            PLANT TOTAL          2494      173                              150      8.    600    310494

40  2540  244  0004  CANTERA PEREZ                   YABUCOA
 01  30502001  12710151                   00  19  210.4    26.3     4                 22              20                    85
                                            PLANT TOTAL             4                 22

40  2540  244  0006  VICTOR ARRUFAT.RIO GUAYANES
 01  30502501  RIVER SAND EXTRACTIO       00  19  210.     25.6                       44              20                    80
                                            PLANT TOTAL                               44

40  2540  244  0007  ALFONSO ORTIZ E HIJOS.INC.12 M.RIVERA ST
 01  10300503                             00  19  210.     24.2                        1                        30      1.    296       838
 02  10300503                             00  19  210.     24.2                        1                        20      1.    145       546
 03  10300503                             00  19  210.     24.2                        1                        15      1.    230       823
                                            PLANT TOTAL                                3

40  2540  244  0010   R.J.REYNOLDS TOBACCO COMP.RD.3 KM.90.4
 01  10200503  4720141                    00  19  213.7    28.5                                             35      1.8   600       343
 02  50300101  4720141                    00  19  213.7    28.5     1                                       35      1.8   600       343
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                                                EPA REGION IV EIS DATA IN AQD4 FORMAT                                  PAGE   92
ST  CNTY AQCR PLANT  NAME AND ADDRESS

                                                  UTM           EMISSIONS IN TONS/YEAR           S T A C K    D A T A
      FIRST                     COMMON  UTM COORDINATES      ESTIMATED        ALLOWABLE       PLUME  HEIGHT   DIAM TEMP   FLOW
POINT   SCC    COMMENTS          STACK  ZN  HORIZ  VERT    PART     SO2      PART      SO2   HGT-FT   FEET    FEET  F   RATE-CFM
                                      PLANT TOTAL                 1

40  2540  244  0011   EXT.MAT.CORTEZA TERRESTRE.CARR.902 K.2.
 01  30502001  4760059              00  19  210.4    26.1         9                24                                175
                                      PLANT TOTAL                 9                24

40  2540  244  0012   EXTRACCION DE MATERIALES.CARR 3
 01  30502001  4760098              00  19  211.1    25.7        13                34             20                  80
                                      PLANT TOTAL                13                34

40  2540  244  0013   EXT.Y PROCESO DE ARENA GUAYANES.CARR.3
 01  30502001  6760232              00  19  208.7    20.4        10                               17                 175
                                      PLANT TOTAL                10

40  2540  244  0014   EXT.MAT TERRESTRE A.NIEVES.BO.CALABAZAS
 01  30502501                       00  19  270.4    24.8         2                               20
                                      PLANT TOTAL                 2

40  2540  244  0016   PRAXA YOBUCOA RD #3 KM 86.2
 01  20100101                       02  19  216.4    29.9        78      679                                 40    9.6   930   272164
 02  20100101                       02  19  216.4    29.9        78      679                                 40    9.6   910   272164
                                      PLANT TOTAL               156     1358

40  2540  244  0017   HORMIGONERA ORIENTAL INC.RD 3 KM 99
 01  30501101  2720081              00  19  210.2    23.                            4             20                  80
                                      PLANT TOTAL                                   4

40  2540  244  0018   YABUCOA SUN OIL COMPANY
 01  30600103  CRUDE UNIT & DEBUTAN 00  19  214.9    24.6       209     3338  9999999     1460          250   12.5   650   170000
 02  30600105  FURFURAL EXTRACTION  00  19  214.9    24.6        92     1472  9999999      966          200    9.6   480    58213
 03  30600104  2 FIRED HEATERS      00  19  214.9    24.6         3      214  9999999        1          150    7.8   700    33872
 04  30600103  MEK DEWAXNG & TUBE H 00  19  214.9    24.6        18      280  9999999      122          100    4.4   600    11607
 05  30600103  HYDROGEN UNIT        00  19  214.9    24.6        26      416  9999999      273          150    4.4   700    97569
 06  30600103  4 BOILERS            00  19  214.9    24.6       161     2582  9999999     1694          350    7.    550    97569
 07  30600999  WASTE GAS FLARE      00  19  214.9    24.6                                         150                1200
 08  30699998  2 CLAUS S RECORY UTS 00  19  214.9    24.6         .      834  9999999      834   300                1200
                                      PLANT TOTAL               509     9136              5350

40  2540  244  0030   CORP.CAMIONEROS DE P.R.PLAYA EL NEGRO.
 01  30502001                       00  19  216.     21.7                          43             12                  70
                                      PLANT TOTAL                                  43
                                      COUNTY TOTAL             3198    10667      174     5350

40  2580  244  0002   SANSON READY MIX CORP PLANT 3 YAUCO
 01  30501101  1740010              00  19  103.2    24.4                           5             10                  80
                                      PLANT TOTAL                                   5

40  2580  244  0005   COND.LAS TORRE NAVEL.1.RD.2 KM.230 H.5
 01  50200301  6720192              00  19  107.1    21.7                                               117    2.5   160
                                      PLANT TOTAL

40  2580  244  0006   COND.LAS TORRES NAVEL.2.RD.2 KM.230 H.5
 01  50200301  6720193              00  19  107.1    21.7                                               117    2.5   160
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                                                          EPA REGION IV EIS DATA IN A104 FORMAT                                        PAGE   93
ST  CNTY AQCR  PLANT  NAME  AND ADDRESS

                                                      UTM                EMISSIONS IN TONS/YEAR               S T A C K    D A T A
        FIRST                              COMMON  UTM COORDINATES      ESTIMATED        ALLOWABLE          PLUME  HEIGHT   DIAM  TEMP   FLOW
POINT    SCC      COMMENTS                 STACK  ZN  HORIZ  VERT    PART      SO2     PART      SO2     HGT-FT   FEET    FEET   F   RATE-CFM
                                               PLANT TOTAL

40  2580  244  0007  EXT.EULALIO MARTINEZ.CARR.121 K.227 H.7
 01  30502001  4760303                     00  19  105.2    21.4     199                                  19                      175
                                               PLANT TOTAL           199

40  2580  244  0009  CANTERA TONO TORRES CARR  360 KM 3.3.S A
 01  30502001  4740112                     00  19  103.1    23.9     105                73                30                       80
                                               PLANT TOTAL           105                73

40  2580  244  0010  TITO CASTRO READY MIX INC BO BARINAS YAU
 01  30501111                              00  19  108.8    20.3                                                  48      2.
                                               PLANT TOTAL

40  2580  244  0012  HORMIGONERA MAYAGUEZANA RD 2 KM 227 HM 7
 01  30501101  5720173                     00  19  105.2    20.9                        23                25                       85
                                               PLANT TOTAL                              23
                                               COUNTY TOTAL          304               101
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